

- 24-hour Telephone Number: (937) 847-3200
 - Use for urgent or emergency needs for technical support, service and/or replacement parts
 - Routine Technical Inquiries: techsupport@motoman.com
- Allow up to 36 hours for response

YASKAWA

YRC1000 ALARM CODES (MAJOR ALARMS)

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- Upon receipt of the product and prior to initial operation, read these instructions thoroughly, and retain for future reference.
 - This instruction consists of “MAJOR ALARMS” version and “MINOR ALARMS” version.
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MOTOMAN INSTRUCTIONS

MOTOMAN-□□□ INSTRUCTIONS
YRC1000 INSTRUCTIONS
YRC1000 OPERATOR'S MANUAL (GENERAL) (SUBJECT SPECIFIC)
YRC1000 MAINTENANCE MANUAL
YRC1000 ALARM CODES (MAJOR ALARMS) (MINOR ALARMS)

The YRC1000 operator's manual above corresponds to specific usage. Be sure to use the appropriate manual.
The YRC1000 operator's manual above consists of “GENERAL” and “SUBJECT SPECIFIC”.
The YRC1000 alarm codes above consists of “MAJOR ALARMS” and “MINOR ALARMS”.

Please have the following information available when contacting Yaskawa Customer Support:

- System
- Primary Application
- Software Version (*Located on Programming Pendant by selecting: {Main Menu} - {System Info} - {Version}*)
Robot Serial Number (*Located on robot data plate*)
Robot Sales Order Number (*Located on controller data plate*)

Part Number: 178644-1CD

Revision: 1



DANGER

- This manual explains the ALARM CODES of the YRC1000 system. Read this manual carefully and be sure to understand its contents before handling the YRC1000. Any matter not described in this manual must be regarded as “prohibited” or “improper”.
- General information related to safety are described in “Chapter 1. Safety” of the YRC1000 INSTRUCTIONS. To ensure correct and safe operation, carefully read “Chapter 1. Safety” of the YRC1000 INSTRUCTIONS.



CAUTION

- In some drawings in this manual, protective covers or shields are removed to show details. Make sure that all the covers or shields are installed in place before operating this product.
- YASKAWA is not responsible for incidents arising from unauthorized modification of its products. Unauthorized modification voids the product warranty.

NOTICE

- The drawings and photos in this manual are representative examples and differences may exist between them and the delivered product.
- YASKAWA may modify this model without notice when necessary due to product improvements, modifications, or changes in specifications. If such modification is made, the manual number will also be revised.
- If your copy of the manual is damaged or lost, contact a YASKAWA representative to order a new copy. The representatives are listed on the back cover. Be sure to tell the representative the manual number listed on the front cover.

Notes for Safe Operation

Read this manual carefully before installation, operation, maintenance, or inspection of the YRC1000.

In this manual, the Notes for Safe Operation are classified as “DANGER”, “WARNING”, “CAUTION”, or “NOTICE”.



DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. Safety Signs identified by the signal word DANGER should be used sparingly and only for those situations presenting the most serious hazards.



WARNING

Indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury. Hazards identified by the signal word WARNING present a lesser degree of risk of injury or death than those identified by the signal word DANGER.



CAUTION

Indicates a hazardous situation, which if not avoided, could result in minor or moderate injury. It may also be used without the safety alert symbol as an alternative to “NOTICE”.

NOTICE

NOTICE is the preferred signal word to address practices not related to personal injury. The safety alert symbol should not be used with this signal word. As an alternative to “NOTICE”, the word “CAUTION” without the safety alert symbol may be used to indicate a message not related to personal injury.

Even items described as “CAUTION” may result in a serious accident in some situations.

At any rate, be sure to follow these important items.



To ensure safe and efficient operation at all times, be sure to follow all instructions, even if not designated as “DANGER”, “WARNING” and “CAUTION”.



DANGER

- Before operating the manipulator, make sure the servo power is turned OFF by performing the following operations. When the servo power is turned OFF, the SERVO ON LED on the programming pendant is turned OFF.
 - Press the emergency stop buttons on the front door of the YRC1000, on the programming pendant, on the external control device, etc.
 - Disconnect the safety plug of the safety fence. (when in the play mode or in the remote mode)

If operation of the manipulator cannot be stopped in an emergency, personal injury and/or equipment damage may result.

Fig. : Emergency Stop Button



- Before releasing the emergency stop, make sure to remove the obstacle or error caused the emergency stop, if any, and then turn the servo power ON.

Failure to observe this instruction may cause unintended movement of the manipulator, which may result in personal injury.

Fig. : Release of Emergency Stop



- Observe the following precautions when performing a teaching operation within the manipulator's operating range:
 - Be sure to perform lockout by putting a lockout device on the safety fence when going into the area enclosed by the safety fence. In addition, the operator of the teaching operation must display the sign that the operation is being performed so that no other person closes the safety fence.
 - View the manipulator from the front whenever possible.
 - Always follow the predetermined operating procedure.
 - Always keep in mind emergency response measures against the manipulator's unexpected movement toward a person.
 - Ensure a safe place to retreat in case of emergency.

Failure to observe this instruction may cause improper or unintended movement of the manipulator, which may result in personal injury.

- Confirm that no person is present in the manipulator's operating range and that the operator is in a safe location before:
 - Turning ON the YRC1000 power
 - Moving the manipulator by using the programming pendant
 - Running the system in the check mode
 - Performing automatic operations

Personal injury may result if a person enters the manipulator's operating range during operation. Immediately press an emergency stop button whenever there is a problem. The emergency stop buttons are located on the front panel of the YRC1000 and on the right of the programming pendant.

- Read and understand the Explanation of the Warning Labels before operating the manipulator.



WARNING

- Perform the following inspection procedures prior to conducting manipulator teaching. If there is any problem, immediately take necessary steps to solve it, such as maintenance and repair.
 - Check for a problem in manipulator movement.
 - Check for damage to insulation and sheathing of external wires.
- Always return the programming pendant to the hook on the YRC1000 cabinet after use.

If the programming pendant is left unattended on the manipulator, on a fixture, or on the floor, etc., the Enable Switch may be activated due to surface irregularities of where it is left, and the servo power may be turned ON. In addition, in case the operation of the manipulator starts, the manipulator or the tool may hit the programming pendant left unattended, which may result in personal injury and/or equipment damage.

Definition of Terms Used Often in This Manual

The MOTOMAN is the YASKAWA industrial robot product.

The MOTOMAN usually consists of the manipulator, the controller, the programming pendant, and manipulator cables.

In this manual, the equipment is designated as follows.

Equipment	Manual Designation
YRC1000 controller	YRC1000
YRC1000 programming pendant	Programming pendant
Cable between the manipulator and the controller	Manipulator cable

Descriptions of the programming pendant, buttons, and displays are shown as follows:

Equipment		Manual Designation
Programming Pendant	Character Keys /Symbol Keys	The keys which have characters or symbols printed on them are denoted with []. ex. [ENTER]
	Axis Keys /Number Keys	[Axis Key] and [Numeric Key] are generic names for the keys for axis operation and number input.
	Keys pressed simultaneously	When two keys are to be pressed simultaneously, the keys are shown with a “+” sign between them, ex. [SHIFT]+[COORD]
	Displays	The menu displayed in the programming pendant is denoted with { }. ex. {JOB}

Description of the Operation Procedure

In the explanation of the operation procedure, the expression “Select •••” means that the cursor is moved to the object item and the [SELECT] is pressed, or that the item is directly selected by touching the screen.

Registered Trademark

In this manual, names of companies, corporations, or products are trademarks, registered trademarks, or brand names for each company or corporation. The indications of (R) and TM are omitted.

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Alarm List

Alarm Number (0000 to 0999)

Alarm List Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0010	CPU BOARD INSERTION ERROR (SV)	ACP01 board detect the connection and insertion board error of SDCA01 board when the control power turned ON.		ACP01 board was not able to recognize SDCA01 board when the control power turned ON. SubCode : Subcode shows the error part of SDCA01 board. (There is possibility of combination of follow boards) 0000_0001 : SDCA01#1 0000_0010 : SDCA01#2 0000_0100 : SDCA01#3 0000_1000 : SDCA01#4 0001_0000 : SDCA01#5 0010_0000 : SDCA01#6 0100_0000 : SDCA01#7 1000_0000 : SDCA01#8	Setting error	Check the following settings. Not found the ASF01 board (RSW=0). ·The SDCA01 board rotary switch setting (0) ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting. ·The rotary switch setting is different from the ASF01 board on the SDCA01 board rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings.
0011	CPU BOARD INSERTION ERROR (Safety)	ACP01 board detects the connection and insertion board error of ASF01 board when the control power is turned ON.		ACP01 board was not able to recognize ASF01 board when the control power is turned ON. SubCode : Subcode shows the error part of ASF01 board. (There is possibility of combination of follow boards) 0000_0001 : ASF01#1 0000_0010 : ASF01#2 0000_0100 : ASF01#3 0000_1000 : ASF01#4 0001_0000 : ASF01#5 0010_0000 : ASF01#6 0100_0000 : ASF01#7 1000_0000 : ASF01#8	Setting error	Not found the ASF01 board (RSW=0). · The ASF01 board rotary switch setting (0)
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBX connector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the ASF01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0012	CPU BOARD SETTING ERROR	ACP01 board detects setting error of ASF01 board when the control power is turned ON.	1	ACP01 board was not able to recognize ASF01 board when the control power is turned ON.	Setting error	Check the following settings. Not found the ASF01 board (RSW=0). · The ASF01 board rotary switch setting (0)
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBX connector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the ASF01 board.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	No response was sent from the ASF01 board when the control power turned ON.	Setting error	Check the following settings. Not found the ASF01 board (RSW=0). ·The ASF01 board rotary switch setting (0)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	No response was sent from the ASF01 board when the control power turned ON.	Setting error	Check the following settings. Not found the ASF01 board (RSW=0). ·The ASF01 board rotary switch setting (0)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	No response was sent from the SDCA01 board #1 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	No response was sent from the SDCA01 board #2 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	No response was sent from the SDCA01 board #3 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	No response was sent from the SDCA01 board #4 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	No response was sent from the SDCA01 board #5 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	No response was sent from the SDCA01 board #6 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBXconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Control group settings in maintenance mode · The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
			10	No response was sent from the SDCA01 board #7 when the control power turned ON.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBXconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	No response was sent from the SDCA01 board #8 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBxconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	No response was sent from the SDCA01 board #1 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	No response was sent from the SDCA01 board #2 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
			14	No response was sent from the SDCA01 board #3 when the control power turned ON.	Setting error	

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBXconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Control group settings in maintenance mode · The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
			15	No response was sent from the SDCA01 board #4 when the control power turned ON.	Setting error	

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
			16	No response was sent from the SDCA01 board #5 when the control power turned ON.	Setting error	

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBXconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Control group settings in maintenance mode · The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
			17	No response was sent from the SDCA01 board #6 when the control power turned ON.	Setting error	

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Control group settings in maintenance mode ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
			18	No response was sent from the SDCA01 board #7 when the control power turned ON.	Setting error	

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBXconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Control group settings in maintenance mode · The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting.
			19	No response was sent from the SDCA01 board #8 when the control power turned ON.	Setting error	

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	ACP01 board was not able to recognize AIF01 board when the control power turned ON.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·ACP01 board ·AIF01 board
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	ACP01 board was not able to recognize SDCA01#1 board when the control power turned ON.	Setting error	Check the following settings. · Check the SDCA01 board rotary switch setting. Not found the SDCA01 board (RSW=0). · The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting. · The rotary switch setting is different from the ASF01 board on the SDCA01 board rotary switch setting. Check the rotary switch setting. Check the rotary switch setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01#1 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the SDCA01#1 board.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			51	ACP01 board was not able to recognize SDCA01#2 board when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·Check the SDCA01 board rotary switch setting. Not found the SDCA01 board (RSW=1). ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting. ·The rotary switch setting is different from the ASF01 board on the SDCA01 board rotary switch setting. Check the rotary switch setting. Check the rotary switch setting.
					Connection failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, check the connection and insertion of the following connector.</p> <ul style="list-style-type: none"> ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01#2 board failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, check the connection and insertion of the SDCA01#2 board.</p>
					ACP01 board failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			52	ACP01 board was not able to recognize SDCA01#3 board when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·Check the SDCA01 board rotary switch setting. Not found the SDCA01 board (RSW=2). ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting. ·The rotary switch setting is different from the ASF01 board on the SDCA01 board rotary switch setting. Check the rotary switch setting. Check the rotary switch setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01#3 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01#3 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			53	ACP01 board was not able to recognize SDCA01#4 board when the control power turned ON.	Setting error	Check the following settings. ·Check the SDCA01 board rotary switch setting. Not found the SDCA01 board (RSW=3). ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting. ·The rotary switch setting is different from the ASF01 board on the SDCA01 board rotary switch setting. Check the rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01#4 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01#4 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	ACP01 board was not able to recognize SDCA01#5 board when the control power turned ON.	Setting error	Check the following settings. ·Check the SDCA01 board rotary switch setting. Not found the SDCA01 board (RSW=4). ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting. ·The rotary switch setting is different from the ASF01 board on the SDCA01 board rotary switch setting. Check the rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01#5 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01#5 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			55	ACP01 board was not able to recognize SDCA01#6 board when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·Check the SDCA01 board rotary switch setting. Not found the SDCA01 board (RSW=5). ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting. ·The rotary switch setting is different from the ASF01 board on the SDCA01 board rotary switch setting. Check the rotary switch setting. Check the rotary switch setting.
					Connection failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector.</p> <ul style="list-style-type: none"> ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01#6 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01#6 board.</p>
					ACP01 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			56	ACP01 board was not able to recognize SDCA01#7 board when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The SDCA01 board rotary switch setting ·Not found the ASF01 board (RSW=6). ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting. ·The rotary switch setting is different from the ASF01 board on the SDCA01 board rotary switch setting. Check the rotary switch setting. Check the rotary switch setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01#7 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01#7 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			57	ACP01 board was not able to recognize SDCA01#8 board when the control power turned ON.	Setting error	Check the following settings. ·The SDCA01 board rotary switch setting Not found the ASF01 board (RSW=7). ·The rotary switch setting is overlapped to the other SDCA01 board rotary switch setting. Check the rotary switch setting. ·The rotary switch setting is different from the ASF01 board on the SDCA01 board rotary switch setting. Check the rotary switch setting. Check the rotary switch setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01#8 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01#8 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0020	CPU COMMUNICATION ERROR	The YRC1000 previously stores the connected CPU boards, and checks if each board properly responds on a startup. This alarm occurs if there is any CPU board which does not properly respond to the YRC1000.	1	No response was sent from the ACP01 board when the control power turned ON.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion of the following board. -ACP01 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	No response was sent from the optional board #1 when the control power turned ON.	Setting error	Check the following settings. -Optional board setting in maintenance mode

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion of the following board. ·ACP02 board
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	No response was sent from the optional board #2 when the control power turned ON.	Setting error	Check the following settings. ·Optional board setting in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion of the following board. ·ACP02 board
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	No response was sent from the optional board #3 when the control power turned ON.	Setting error	Check the following settings. ·Optional board setting in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion of the following board. ·ACP02 board
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	No response was sent from the optional board #4 when the control power turned ON.	Setting error	Check the following settings. ·Optional board setting in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion of the following board. ·ACP02 board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	No response was sent from the optional board #5 when the control power turned ON.	Setting error	Check the following settings. ·Optional board setting in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion of the following board. ·ACP02 board
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	No response was sent from the optional board #6 when the control power turned ON.	Setting error	Check the following settings. ·Optional board setting in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion of the following board. ·ACP02 board
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	No response was sent from the optional board #7 when the control power turned ON.	Setting error	Check the following settings. ·Optional board setting in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion of the following board. ·ACP02 board
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			27	No response was sent from the optional board #8 when the control power turned ON.	Setting error	Check the following settings. -Optional board setting in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion of the following board. -ACP02 board
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			30	No response was sent from the ASF01 board #1 when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The ASF01 board rotary switch setting (0) of the corresponding node number The SDCA01 board rotary switch setting (0) of the corresponding node number (SV#1)
					Connection failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector.</p> <ul style="list-style-type: none"> CN207 cable of ASF01 board CN509 cable of SDCA01 board The cable of SDCA01 board connector CN515/516 The cable of AIF01 board connector CN111 The cable of CPS unit connector CN155
					ASF01 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.</p>
					ACP01 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.</p>
					AIF01 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			31	No response was sent from the ASF01 board #2 when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The ASF01 board rotary switch setting (1) of the corresponding node number The SDCA01 board rotary switch setting (1) of the corresponding node number (SV#2)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	No response was sent from the ASF01 board #3 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board rotary switch setting (2) of the corresponding node number ·The SDCA01 board rotary switch setting (2) of the corresponding node number (SV#3)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	No response was sent from the ASF01 board #4 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board rotary switch setting (3) of the corresponding node number ·The SDCA01 board rotary switch setting (3) of the corresponding node number (SV#4)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	No response was sent from the ASF01 board #5 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board rotary switch setting (4) of the corresponding node number ·The SDCA01 board rotary switch setting (4) of the corresponding node number (SV#5)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	No response was sent from the ASF01 board #6 when the control power turned ON.	Setting error	Check the following settings. · Control group settings in maintenance mode · The ASF01 board rotary switch setting (5) of the corresponding node number · The SDCA01 board rotary switch setting (5) of the corresponding node number (SV#6)
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			36	No response was sent from the ASF01 board #7 when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The ASF01 board rotary switch setting (6) of the corresponding node number The SDCA01 board rotary switch setting (6) of the corresponding node number (SV#7)
					Connection failure	<p>(1) Turn the power OFF then back ON.</p> <p>(2) If the alarm occurs again, check the connection and insertion of the following connector.</p> <ul style="list-style-type: none"> CN207 cable of ASF01 board CN509 cable of SDCA01 board The cable of SDCA01 board connector CN515/516 The cable of AIF01 board connector CN111 The cable of CPS unit connector CN155
					ASF01 board failure	<p>(1) Turn the power OFF then back ON.</p> <p>(2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.</p>
					ACP01 board failure	<p>(1) Turn the power OFF then back ON.</p> <p>(2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.</p>
					AIF01 board failure	<p>(1) Turn the power OFF then back ON.</p> <p>(2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			37	No response was sent from the ASF01 board #8 when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The ASF01 board rotary switch setting (7) of the corresponding node number The SDCA01 board rotary switch setting (7) of the corresponding node number (SV#8)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	No response was sent from the SDCA01 board #1 when the control power turned ON. At this time, the YRC-1000 may judge it as signal input such as external hold wrong. However, it is caused by the communication error with SDCA01 board #1. Therefore, execute the following measures first of all.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (0) of the corresponding node number (SV#1)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	No response was sent from the SDCA01 board #2 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (1) of the corresponding node number (SV#2)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	No response was sent from the SDCA01 board #3 when the control power turned ON.	Setting error	(1)Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (2) of the corresponding node number (SV#3)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			53	No response was sent from the SDCA01 board #4 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (3) of the corresponding node number (SV#4)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (4) of the corresponding node number (SV#5)
			54	No response was sent from the SDCA01 board #5 when the control power turned ON.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			55	No response was sent from the SDCA01 board #6 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (5) of the corresponding node number (SV#6)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU01 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			56	No response was sent from the SDCA01 board #7.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The SDCA01 board rotary switch setting (6) of the corresponding node number (SV#7)
					Connection failure	<p>(1) Turn the power OFF then back ON.</p> <p>(2) If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> CN509 cable of SDCA01 board The cable of SDCA01 board connector CN515/516 The cable of AIF01 board connector CN111 The cable of CPS unit connector CN155
					SDCA01 board failure	<p>(1) Turn the power OFF then back ON.</p> <p>(2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.</p>
					APU unit failure	<p>(1) Turn the power OFF then back ON.</p> <p>(2) If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.</p>
					AIF01 board failure	<p>(1) Turn the power OFF then back ON.</p> <p>(2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			57	No response was sent from the SDCA01 board #8 when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The SDCA01 board rotary switch setting (7) of the corresponding node number (SV#8)
					Connection failure	<p>(1) Turn the power OFF then back ON.</p> <p>(2) If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> CN509 cable of SDCA01 board The cable of SDCA01 board connector CN515/516 The cable of AIF01 board connector CN111 The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			60	No response was sent from the ASF04 board #1 when the control power turned ON.	Setting error	Check the following settings. - Control group settings in maintenance mode - The SDCA01 board rotary switch setting (0) of the corresponding node number (PFL#1)
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. - CN231/232 cable of ASF04 board - The cable of ASF04 board connector CN239/240 - The cable of AIF01 board connector CN113 - The cable of CPS01KA unit connector CN156
					ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			61	No response was sent from the ASF04 board #2 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (1) of the corresponding node number (PFL#2)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. - CN231/232 cable of ASF04 board - The cable of ASF04 board connector CN239/240 - The cable of AIF01 board connector CN113 - The cable of CPS01KA unit connector CN156
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0021	COMMUNICATION ERROR(SERVO)	The YRC1000 transfers special commands to operate SERVO units on its startup as well as its regular operation process. This alarm occurs if there is any communication failure in transferring the special commands.	50	The Main CPU detected an communication error for the SDCA01 board #1 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (0) of the corresponding node number (SV#1)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	The Main CPU detected an communication error for the SDCA01 board #2 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (1) of the corresponding node number (SV#2)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	The Main CPU detected an communication error for the SDCA01 board #3 when the control power turned ON.	Setting error	(1)Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (2) of the corresponding node number (SV#3)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			53	The Main CPU detected an communication error for the SDCA01 board #4 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (3) of the corresponding node number (SV#4)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	The Main CPU detected an communication error for the SDCA01 board #5 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (4) of the corresponding node number (SV#5)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			55	The Main CPU detected an communication error for the SDCA01 board #6 when the control power turned ON.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (5) of the corresponding node number (SV#6)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			56	The Main CPU detected an communication error for the SDCA01 board #7 when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The SDCA01 board rotary switch setting (6) of the corresponding node number (SV#7)
					Connection failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> CN509 cable of SDCA01 board The cable of SDCA01 board connector CN515/516 The cable of AIF01 board connector CN111 The cable of CPS unit connector CN155
					SDCA01 board failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.</p>
					APU unit failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.</p>
					AIF01 board failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			57	The Main CPU detected an communication error for the SDCA01 board #8 when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The SDCA01 board rotary switch setting (7) of the corresponding node number (SV#8)
					Connection failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> CN509 cable of SDCA01 board The cable of SDCA01 board connector CN515/516 The cable of AIF01 board connector CN111 The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0030	ROM ERROR	The YRC1000 system program (ROM) runs after RAM expansion executed on a startup. This alarm occurs if there is any failure in the RAM expansion.	1	The ACP01 system program is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	The system program of optional board #1 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	The system program of optional board #2 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP02 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	The system program of optional board #3 is damaged.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP02 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	The system program of optional board #4 is damaged.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP02 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	The system program of optional board #5 is damaged.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP02 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			25	The system program of optional board #6 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	The system program of optional board #7 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			27	The system program of optional board #8 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	The system program of ASF01 board #1 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	The system program of ASF01 board #2 is damaged.	Software operation error occurred ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	The system program of ASF01 board #3 is damaged.	Software operation error occurred ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	The system program of ASF01 board #4 is damaged.	Software operation error occurred ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	The system program of ASF01 board #5 is damaged.	Software operation error occurred ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			35	The system program of ASF01 board #6 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			36	The system program of ASF01 board #7 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			37	The system program of ASF01 board #8 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	The system program of SDCA01 board #1 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			51	The system program of SDCA01 board #2 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	The system program of SDCA01 board #3 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			53	The system program of SDCA01 board #4 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	The system program of SDCA01 board #5 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			55	The system program of SDCA01 board #6 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			56	The system program of SDCA01 board #7 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			57	The system program of SDCA01 board #8 is damaged.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0060	COMMUNICATION ERROR(I/O MODULE)	The YRC1000 previously stores the connected I/O modules, and check the presence of each module on a startup. This alarm occurs if there is any module of which presence cannot be identified.	0	The IO module board connected with 0th serial bus exists.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the ASF01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
			1	An error was detected in communications with the I/O module board connected with 1st serial bus when the control power turned ON.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each I/O module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · The MII communications cable which I/O module of the corresponding node number · (In case of MII communications last station) Terminator · 24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replacing the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An error was detected in communications with the I/O module board connected with 2nd serial bus when the control power turned ON.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each I/O module for the details of the setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · The Mill communications cable which I/O module of the corresponding node number · (In case of Mill communications last station) Terminator · 24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An error was detected in communications with the I/O module board connected with 3rd serial bus when the control power turned ON.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · The Mill communications cable which I/O module of the corresponding node number · (In case of Mill communications last station) Terminator · 24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	An error was detected in communications with the I/O module board connected with 4th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The Mill communications cable which I/O module of the corresponding node number ·(In case of Mill communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	An error was detected in communications with the I/O module board connected with 5th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The Mill communications cable which I/O module of the corresponding node number ·(In case of Mill communications last station) Terminator ·24V power of the corresponding I/O module

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	An error was detected in communications with the I/O module board connected with 6th serial bus when the control power turned ON.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · The Mill communications cable which I/O module of the corresponding node number · (In case of Mill communications last station) Terminator · 24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	An error was detected in communications with the I/O module board connected with 7th serial bus when the control power turned ON.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	An error was detected in communications with the I/O module board connected with 8th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	An error was detected in communications with the I/O module board connected with 9th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	An error was detected in communications with the I/O module board connected with 10th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	An error was detected in communications with the I/O module board connected with 11th serial bus when the control power turned ON.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · The Mill communications cable which I/O module of the corresponding node number · (In case of Mill communications last station) Terminator · 24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	An error was detected in communications with the I/O module board connected with 12th serial bus when the control power turned ON.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The Mill communications cable which I/O module of the corresponding node number ·(In case of Mill communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	An error was detected in communications with the I/O module board connected with 13th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The Mill communications cable which I/O module of the corresponding node number ·(In case of Mill communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	An error was detected in communications with the I/O module board connected with 14th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	An error was detected in communications with the I/O module board connected with 15th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	An error was detected in communications with the I/O module board connected with 1st PCI connector when the control power turned ON.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					EIP board failure	In the case of PCU-ETHIO (EtherNet/IP) board, please exchange with the board which firmware version is correct.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					PROFINET board failure	In the case of CP1616(PROFINET) board, please confirm the following communication configuration using SIEMENS manufactured setting tool (STEP 7). Please refer to the user manual of the CP1616 for more information on how to set. ·When used as IO controller - Download the project file. ·When used as IO device - Assignment of IP address and device name. Factory reset before performing the assignment.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	An error was detected in communications with the I/O module board connected with 2nd PCI when the control power turned ON.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					EIP board failure	In the case of PCU-ETHIO(EtherNet/IP) board, please exchange with the board which firmware version is correct.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					PROFINET board failure	In the case of CP1616(PROFINET) board, please confirm the following communication configuration using SIEMENS manufactured setting tool (STEP 7). Please refer to the user manual of the CP1616 for more information on how to set. ·When used as IO controller - Download the project file. ·When used as IO device - Assignment of IP address and device name. Factory reset before performing the assignment.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	An error was detected in communications with the I/O module board connected with 3rd PCI when the control power turned ON.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					EIP board failure	In the case of PCU-ETHIO(EtherNet/IP) board, please exchange with the board which firmware version is correct.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					PROFINET board failure	In the case of CP1616(PROFINET) board, please confirm the following communication configuration using SIEMENS manufactured setting tool (STEP 7). Please refer to the user manual of the CP1616 for more information on how to set. ·When used as IO controller - Download the project file. ·When used as IO device - Assignment of IP address and device name. Factory reset before performing the assignment.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	An error was detected in communications with the I/O module board connected with 4th PCI when the control power turned ON.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					EIP board failure	In the case of PCU-ETHIO(EtherNet/IP) board, please exchange with the board which firmware version is correct.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					PROFINET board failure	In the case of CP1616(PROFINET) board, please confirm the following communication configuration using SIEMENS manufactured setting tool (STEP 7). Please refer to the user manual of the CP1616 for more information on how to set. ·When used as IO controller - Download the project file. ·When used as IO device - Assignment of IP address and device name. Factory reset before performing the assignment.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0100	COMMUNICATION ERROR(SV#1)	The serial communications between ACP01 board and SDCA01 board in the YRC1000 is softwarely monitored by each board. This alarm occurs if ACP01 detects an error in the serial communication between ACP01 board and 1st SDCA01 board.	1	The error was detected during the check of the serial communication watchdog data. Counter value received from SDCA01 board is invalid.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (O) of the corresponding node number (SV#1)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0101	COMMUNICATION ERROR(SV#2)	The serial communications between ACP01 board and SDCA01 board in the YRC1000 is softwarely monitored by each board. This alarm occurs if ACP01detects an error in the serial communication between ACP01 board and 2nd SDCA01 board.	1	The error was detected during the check of the serial communication watchdog data. Counter value received from SDCA01 board is invalid.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (1) of the corresponding node number (SV#2)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0102	COMMUNICATION ERROR(SV#3)	The serial communications between ACP01 board and SDCA01 board in the YRC1000 is softwarely monitored by each board. This alarm occurs if ACP01detects an error in the serial communication between ACP01 board and 3rd SDCA01 board.	1	The error was detected during the check of the serial communication watchdog data. Counter value received from SDCA01 board is invalid.	Setting error	(1)Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (2) of the corresponding node number (SV#3)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Control group settings in maintenance mode · The SDCA01 board rotary switch setting (3) of the corresponding node number (SV#4)
0103	COMMUNICATION ERROR(SV#4)	The serial communications between ACP01 board and SDCA01 board in the YRC1000 is software monitored by each board. This alarm occurs if ACP01 detects an error in the serial communication between ACP01 board and 4th SDCA01 board.	1	The error was detected during the check of the serial communication watchdog data. Counter value received from SDCA01 board is invalid.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					APU unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replacing the unit to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings.
0104	COMMUNICATION ERROR(SV#5)	The serial communications between ACP01 board and SDCA01 board in the YRC1000 is softwarely monitored by each board. This alarm occurs if ACP01detects an error in the serial communication between ACP01 board and 5th SDCA01 board.	1	The error was detected during the check of the serial communication watchdog data. Counter value received from SDCA01 board is invalid.	Setting error	·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (4) of the corresponding node number (SV#5)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Control group settings in maintenance mode · The SDCA01 board rotary switch setting (5) of the corresponding node number (SV#6)
0105	COMMUNICATION ERROR(SV#6)	The serial communications between ACP01 board and SDCA01 board in the YRC1000 is software monitored by each board. This alarm occurs if ACP01 detects an error in the serial communication between ACP01 board and 6th SDCA01 board.	1	The error was detected during the check of the serial communication watchdog data. Counter value received from SDCA01 board is invalid.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					APU unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replacing the unit to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings.
0106	COMMUNICATION ERROR(SV#7)	The serial communications between ACP01 board and SDCA01 board in the YRC1000 is softwarely monitored by each board. This alarm occurs if ACP01detects an error in the serial communication between ACP01 board and 7th SDCA01 board.	1	The error was detected during the check of the serial communication watchdog data. Counter value received from SDCA01 board is invalid.	Setting error	·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (6) of the corresponding node number (SV#7)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board and insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Control group settings in maintenance mode · The SDCA01 board rotary switch setting (7) of the corresponding node number (SV#8)
0107	COMMUNICATION ERROR(SV#8)	The serial communications between ACP01 board and SDCA01 board in the YRC1000 is software monitored by each board. This alarm occurs if ACP01 detects an error in the serial communication between ACP01 board and 8th SDCA01 board.	1	The error was detected during the check of the serial communication watchdog data. Counter value received from SDCA01 board is invalid.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					APU unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replacing the unit to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings.
0110	COMMUNICATION ERROR (SU#1)	The serial communications between ACP01 board and Safety board in the YRC1000 is softwarely monitored by each board. This alarm occurs if ACP01detects an error in the serial communication between ACP01 board and 1st Safety board.	1	The error was detected during the check of the serial communication watchdog data. Counter value received from SDCA01 board is invalid.	Setting error	·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (0) of the corresponding node number (SV#1)
0200	MEMORY ERROR(PARAMETER FILE)	The YRC1000 requires various types of parameters to operate, and performs a check sum during the startup process to ensure that the parameter files are properly retained. This alarm occurs if the YRC1000 detects an error in the check sum.	0	The RC parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The RO parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The SV parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	The SVM parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The SC parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The SD parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The CIO parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The FD parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	
			8	The AP parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	The RS parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			10	The SE parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The SVC parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The AMC parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	The SVP parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	The MF parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	The SVS parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			125	RE parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			126	FMS parameter is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0210	MEMORY ERROR(SYSTEM CONFIG-DATA)	The YRC1000 holds the information to start as a system in the SYSTEM CONFIG-DATA file, and performs a check sum during the startup process to ensure that these files are properly retained. This alarm occurs if the YRC1000 detects an error in the check sum.		The system configuration information data are damaged.	ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0220	MEMORY ERROR(JOB MNG DATA)	The YRC1000 holds the user program as data files called JOB, and performs a check sum during the startup process to ensure that these files are properly retained. This alarm occurs if the YRC1000 detects an error in the check sum.	0	The management data of job files are damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the job file in maintenance mode, and then load the data (job, variable data, Robot calibration data) saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The job files are damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the job file in maintenance mode, and then load the data (job, variable data, Robot calibration data) saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The management data of position data files are damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the job file in maintenance mode, and then load the data (job, variable data, Robot calibration data) saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Memory and play back file is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0230	MEMORY ERROR (LADDER PRG FILE)	A program software PLC which runs in the YRC1000 is stored in the ladder program file. The YRC1000 performs a check sum during the startup process to ensure that these files are properly retained. This alarm occurs if the YRC1000 detects an error in the check sum.		The CIO ladder file is damaged.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0240	MEMORY ERROR(DEVICENET ALLOC FL)	The communication setting of the DeviceNet needs to be recorded when using JARCR-XFB01B (DeviceNet board) as a communication master. The file with these records is called the DeviceNet allocation file. By sum check which is performed when turning the power on, this DeviceNet allocation file is checked if it is correct. This alarm occurs if this file is found to be incorrect.	0	The DeviceNet allocation file 1 is damaged.	Setting error	Check the following settings. [XFB01 board] ·The settings of the objective DeviceNet allocation file ·The I/O module settings of the objective DeviceNet board in maintenance mode ·The DeviceNet allocation of the I/O module in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The DeviceNet allocation file 2 is damaged.	Setting error	Check the following settings. [XFB01 board] ·The settings of the objective DeviceNet allocation file ·The I/O module settings of the objective DeviceNet board in maintenance mode ·The DeviceNet allocation of the I/O module in maintenance mode

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0270	MEMORY ERROR(SD BACKUP FILE)	To operate the YRC1000 properly, the settings of each file (backup file) that is remained even after turning OFF the YRC1000 power supply is needed. Part of the backup files are stored in the SD card in ACP01 board. By retrieving these backup files from the SD card correctly when turning on the power supply, you can check if the backup files in the SD card are correct. This alarm occurs if this file is found to be incorrect.		The system software version is inconsistent with the version when the internal storage data is set or the SD Card on the ACP01 board is damaged.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0280	MEMORY ERROR(EX IO ALLOC FILE)	The YRC1000 holds the information of EX IO function setting in the EX IO ALLOC FILE, and performs a check sum during the startup process to ensure that these files are properly retained. This alarm occurs if the YRC1000 detects an error in the check sum.			Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate data in maintenance mode, and then set the IO module.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0290	MEMORY ERROR(NETWORK SETUP)	The communication setting of the IP address needs to be recorded when using network function for YRC1000. The file with these records are called the network setting file. By sum check which is performed when turning the power on, this network setting file is checked if it is correct. This alarm occurs if this file is found to be incorrect.		The network setting file is damaged.	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate data in maintenance mode, and then set the network again.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0300	VERIFY ERROR(SYSTEM CONFIG-DATA)	The YRC1000 holds the information to start as a system in the data files called "System Configuration Data", and performs a validity check on the data files if they are properly configured. This alarm occurs if the YRC1000 detects an error in the validity check.	2	CIO parameter error.	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·I/O module settings in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Axis-related parameter error.	Setting error	Check the following settings. ·Control group settings in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Sensor-use parameter error.	Setting error	Check the following settings. -The optional board setting in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The set optional functions are different from those of the mounted optional board.	Setting error	Check the following settings. -The optional board setting in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	IO type error (combination impossible to coexist).	Setting error	Check the following settings. -I/O module settings in maintenance mode

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board and insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about the occurrence status (operating procedure).
			10	Safety board save data error	Setting error	(1) Select the following menu. ·[File]-[Initialize], [Safety Board FLASH Reset] in maintenance mode. (2) Turn the power OFF then back ON.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about the occurrence status (operating procedure).
			11	Ex. AXIS INDIVIDUAL CONTROL Parameter Setting error (EX.TU# out of a range).	Setting error	Check the following settings. ·[Option function] - [Ex. AXIS INDIVIDUAL CONTROL(SDA)] settings in maintenance mode
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about the occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			12	Ex. AXIS INDIVIDUAL CONTROL Parameter Setting error (Difference in an Ex. AXIS INDIVIDUAL CONTROL Parameter and Physics TU# parameter).	Setting error	Check the following settings. · [Option function] - [Ex. AXIS INDIVIDUAL CONTROL(SDA)] settings in maintenance mode
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	POWER REGENERATIVE FUNCTION Parameter Setting error.	Setting error	Check the following settings. · [Option function] - [POWER REGENERATIVE FUNCTION] settings in maintenance mode
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	Parameter setting error of the robot detachment function or axes detachment function.	Setting error	Check the following settings. · [OPTION FUNCTION] - [ROBOT DETACHMENT] settings in maintenance mode, Reset the detachment group setting. · [OPTION FUNCTION] - [AXES DETACHMENT] settings in maintenance mode, Reset the detachment axis setting.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			16	The fast cycle DeviceNet communication can not be available under this setting	Setting error	Check the fast cycle DeviceNet communication setting. ·The Channel number for the fast cycle communication(Max channel number is 2). ·The Communication IO number for the fast cycle communication(Max IO number is 64Byte).
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	The fast cycle DeviceNet communication can not be available under this setting	Setting error	Check the fast cycle DeviceNet communication setting. ·The Channel number for the fast cycle communication(Only 1channel is available). ·The Communication IO number for the fast cycle communication(Max IO number is 16Byte).
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	Machine Safety board save data error	Setting error	(1)Select the following menu. ·{File}-{Initialize}, {Safety Board FLASH Reset} (2)Turn the power OFF then back ON. (3)If the alarm occurs again, select the following menu. ·{File}-{Initialize}-{I/O Data}, {YSF LOGIC FILE}
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			40	The data output function for Self-Diagnosis System can not be available under this setting	Setting error	Check the data output function setting for Self-Diagnosis System. - The number of Servo Control Board(Only 1 board is available).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0301	VERIFY ERROR(OVERRUN INPUT SET)	The YRC1000 verifies if the parameter specification is the same as the OT signal information. This alarm occurs if the YRC1000 detects an error in the verification process.		Sub Code: Control group Parameter specification and OT signal information are wrong	Setting error	Check the following settings. ·Connection settings (OT) in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0302	VERIFY ERROR(ASF01 HARDWARE SET)	The YRC1000 verifies if the parameter specification is the special hardware setting. This alarm occurs if the YRC1000 detects an error in the verification process.	0	Sub Code: Control group Parameter specification and OT signal information are wrong	Setting error	Check the following settings. ·Connection settings function safety in maintenance mode
0310	VERIFY ERROR(CMOS MEMORY SIZE)	The YRC1000 verifies that the AIF01 board type (CMOS memory size) which is detected during the startup is the same as the type set at the time of system configuration. This alarm occurs if the YRC1000 detects an error in the verification process.		The CMOS memory capacity is different from its initial setting.	ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0320	VERIFY ERROR(I/O MODULE)	The YRC1000 verifies that the I/O module which is detected during the startup is the same as the module set at the time of system configuration. This alarm occurs if the YRC1000 detects an error in the verification process.	0	The I/O module connected to the PCI express bus is different from the function of the set I/O module.	Setting error	Check the following settings. ·The AIO board type connected to ASF01. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ASF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The I/O module connected to the serial bus #1 is different from the function of the set I/O module.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The I/O module connected to the serial bus #2 is different from the function of the set I/O module.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · The Mill communications cable which I/O module of the corresponding node number · (In case of Mill communications last station) Terminator · 24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The I/O module connected to the serial bus #3 is different from the function of the set I/O module.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The I/O module connected to the serial bus #4 is different from the function of the set I/O module.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The I/O module connected to the serial bus #5 is different from the function of the set I/O module.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The Mill communications cable which I/O module of the corresponding node number ·(In case of Mill communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The I/O module connected to the serial bus #6 is different from the function of the set I/O module.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The Mill communications cable which I/O module of the corresponding node number ·(In case of Mill communications last station) Terminator ·24V power of the corresponding I/O module

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The I/O module connected to the serial bus #7 is different from the function of the set I/O module.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · The MII communications cable which I/O module of the corresponding node number · (In case of MII communications last station) Terminator · 24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The I/O module connected to the serial bus #8 is different from the function of the set I/O module.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings.
			9	The I/O module connected to the serial bus #9 is different from the function of the set I/O module.	Setting error	·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The I/O module connected to the serial bus #10 is different from the function of the set I/O module.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The Mill communications cable which I/O module of the corresponding node number ·(In case of Mill communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The I/O module connected to the serial bus #11 is different from the function of the set I/O module.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The Mill communications cable which I/O module of the corresponding node number ·(In case of Mill communications last station) Terminator ·24V power of the corresponding I/O module

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The I/O module connected to the serial bus #12 is different from the function of the set I/O module.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · The MII communications cable which I/O module of the corresponding node number · (In case of MII communications last station) Terminator · 24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	The I/O module connected to the serial bus #13 is different from the function of the set I/O module.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	The I/O module connected to the serial bus #14 is different from the function of the set I/O module.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	The I/O module connected to the serial bus #15 is different from the function of the set I/O module.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The Mill communications cable which I/O module of the corresponding node number ·(In case of Mill communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	The I/O module connected to the 1st PCI bus is different from the function of the set I/O module.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	The I/O module connected to the 2nd PCI bus is different from the function of the set I/O module.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	The I/O module connected to the 3rd PCI bus is different from the function of the set I/O module.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. · The corresponding I/O module (PCI board)
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	The I/O module connected to the 4th PCI bus is different from the function of the set I/O module.	Setting error	Check the following settings. · PCI slot number in which each PCI board is mounted · I/O module settings in maintenance mode Please refer to the manual of each IO module for the details of the setting.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · The PCI connector of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. · The corresponding I/O module (PCI board)
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0330	VERIFY ERROR(APPLICATION)	The YRC1000 verifies that the application parameters are correctly set during a startup process. This alarm occurs if the YRC1000 detects an error in the verification process.			ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0340	VERIFY ERROR(SENSOR FUNCTION)	The YRC1000 verifies that the sensor parameters are correctly set during a startup process. This alarm occurs if the YRC1000 detects an error in the verification process.			ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0350	VERIFY ERROR(DEVICENET ALLOC FL)	The communication setting of the DeviceNet needs to be recorded when JARCR-XFB01B (DeviceNet board) is used as a communication master. The file with these records are called the DeviceNet allocation file. YRC1000 checks if the file is appropriate with the system when turning the power ON.	0	The station No. specified by the DeviceNet allocation file ¹ is incorrect (the station No. is out of the allowable range, or the specified station board is not the DeviceNet master).	Setting error	Check the following settings. [XFB01 board] ·The settings of the objective DeviceNet allocation file ·The I/O module settings of the objective DeviceNet board in maintenance mode ·The DeviceNet allocation of the I/O module in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The MAC_ID specified by the DeviceNet allocation file ¹ is not consistent with the MAC_ID of the specified station board.	Setting error	Check the following settings. [XFB01 board] ·The settings of the objective DeviceNet allocation file ·The I/O module settings of the objective DeviceNet board in maintenance mode ·The DeviceNet allocation of the I/O module in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Inconsistency was detected in the scan list of the DeviceNet allocation file1.	Setting error	Check the following settings. [XFB01 board] ·The settings of the objective DeviceNet allocation file ·The I/O module settings of the objective DeviceNet board in maintenance mode ·The DeviceNet allocation of the I/O module in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The station No. specified by the DeviceNet allocation file2 is incorrect (the station No. is out of the allowable range, or the specified station board is not the DeviceNet master).	Setting error	Check the following settings. [XFB01 board] ·The settings of the objective DeviceNet allocation file ·The I/O module settings of the objective DeviceNet board in maintenance mode ·The DeviceNet allocation of the I/O module in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The MAC_ID specified by the DeviceNet allocation file2 is not consistent with the MAC_ID of the specified station board.	Setting error	Check the following settings. [XFB01 board] · The settings of the objective DeviceNet allocation file · The I/O module settings of the objective DeviceNet board in maintenance mode · The DeviceNet allocation of the I/O module in maintenance mode
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	Inconsistency was detected in the scan list of the DeviceNet allocation file2.	Setting error	Check the following settings. [XFB01 board] · The settings of the objective DeviceNet allocation file · The I/O module settings of the objective DeviceNet board in maintenance mode · The DeviceNet allocation of the I/O module in maintenance mode
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0370	VERIFY ERROR(SPOT WELDER I/F)	The designation in the parameter is different from the connected welding timer.		The designation in the parameter is different from the connected welding timer.	Setting error	Check the following settings. ·The welding timer designation
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0390	VERIFY ERROR(SEGMENT CLOCK)	Illegal instruction cycle is set.		Illegal instruction cycle is set.	Setting error	Check the following settings. ·Instruction execution cycle
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0400	PARAMETER TRANSMISSION ERROR	The parameters required for the SDCA01 board operation are transferred from the ACP01 board. This alarm occurs if the parameters are not successfully transferred.	30	An error occurred during the parameter/file transfer to the ASF01 board #1.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board (#1) rotary switch setting (0) ·The SDCA01 board rotary switch setting (0) of the corresponding node number (SV#1)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	An error occurred during the parameter/file transfer to the ASF01 board #2.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board (#2) rotary switch setting ·The SDCA01 board rotary switch setting of the corresponding node number (SV#2)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	An error occurred during the parameter/file transfer to the ASF01 board #3.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board (#3) rotary switch setting (2) ·The SDCA01 board rotary switch setting (2) of the corresponding node number (SV#3)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure?	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	An error occurred during the parameter/file transfer to the ASF01 board #4.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board (#4) rotary switch setting (3) ·The SDCA01 board rotary switch setting (3) of the corresponding node number (SV#4)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	An error occurred during the parameter/file transfer to the ASF01 board #5.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board (#5) rotary switch setting (4) ·The SDCA01 board rotary switch setting (4) of the corresponding node number (SV#5)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	An error occurred during the parameter/file transfer to the ASF01 board #6.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board (#6) rotary switch setting (5) ·The SDCA01 board rotary switch setting (5) of the corresponding node number (SV#6)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			36	An error occurred during the parameter/file transfer to the ASF01 board #7.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board (#7) rotary switch setting (6) ·The SDCA01 board rotary switch setting (6) of the corresponding node number (SV#7)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			37	An error occurred during the parameter/file transfer to the ASF01 board #8.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board (#8) rotary switch setting (7) ·The SDCA01 board rotary switch setting (7) of the corresponding node number (SV#8)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	An error occurred during the parameter/file transfer to the 1st servo board.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (0) of the corresponding node number (SV#1)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	An error occurred during the parameter/file transfer to the 2nd servo board.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (1) of the corresponding node number (SV#2)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	An error occurred during the parameter/file transfer to the 3rd servo board.	Setting error	(1)Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (2) of the corresponding node number (SV#3)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			53	An error occurred during the parameter/file transfer to the 4th servo board.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (3) of the corresponding node number (SV##)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	An error occurred during the parameter/file transfer to the 5th servo board.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (4) of the corresponding node number (SV#5)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			55	An error occurred during the parameter/file transfer to the 6th servo board.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (5) of the corresponding node number (SV#6)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			56	An error occurred during the parameter/file transfer to the 7th servo board.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (6) of the corresponding node number (SV#7)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			57	An error occurred during the parameter/file transfer to the 8th servo board.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (7) of the corresponding node number (SV#8)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0410	MODE CHANGE ERROR	The YRC1000 changes its operation modes during a startup process from the power-on operation until the startup process completion. Since mode change is required for the peripheral CPU boards as well as the main CPU board, the YRC1000 simultaneously performs a process as the mode change process. This alarm occurs if the mode change is not successfully performed.	30	An error occurred during startup sequence processing with the ASF01 board #1, and the system did not startup normally.	Setting error	Check the following settings. · Control group settings in maintenance mode · The ASF01 board rotary switch setting (0) of the corresponding node number · The SDCA01 board rotary switch setting (0) of the corresponding node number (SV#1)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	An error occurred during startup sequence processing with the ASF01 board #2, and the system did not startup normally.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board rotary switch setting (1) of the corresponding node number ·The SDCA01 board rotary switch setting (1) of the corresponding node number (SV#2)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	An error occurred during startup sequence processing with the ASF01 board #3, and the system did not startup normally.	Setting error	Check the following settings. · Control group settings in maintenance mode · The ASF01 board rotary switch setting (2) of the corresponding node number · The SDCA01 board rotary switch setting (2) of the corresponding node number (SV#3)
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBXconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			33	An error occurred during startup sequence processing with the ASF01 board #4, and the system did not startup normally.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The ASF01 board rotary switch setting (3) of the corresponding node number The SDCA01 board rotary switch setting (3) of the corresponding node number (SV#4)
					Connection failure	<p>(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector.</p> <ul style="list-style-type: none"> CN207 cable of ASF01 board CN509 cable of SDCA01 board The cable of SDCA01 board connector CN515/516 CNBXconnector of SDCA01 board and ASF01 board The cable of AIF01 board connector CN111 The cable of CPS unit connector CN155
					ASF01 board failure	<p>(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.</p>
					AIF01 board failure	<p>(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			34	An error occurred during startup sequence processing with the ASF01 board #5, and the system did not startup normally.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The ASF01 board rotary switch setting (4) of the corresponding node number The SDCA01 board rotary switch setting (4) of the corresponding node number (SV#5)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBXconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	An error occurred during startup sequence processing with the ASF01 board #6, and the system did not startup normally.	Setting error	Check the following settings. · Control group settings in maintenance mode · The ASF01 board rotary switch setting (5) of the corresponding node number · The SDCA01 board rotary switch setting (5) of the corresponding node number (SV#6)
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBXconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			36	An error occurred during startup sequence processing with the ASF01 board #7, and the system did not startup normally.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The ASF01 board rotary switch setting (6) of the corresponding node number ·The SDCA01 board rotary switch setting (6) of the corresponding node number (SV#7)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			37	An error occurred during startup sequence processing with the ASF01 board #8, and the system did not startup normally.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The ASF01 board rotary switch setting (7) of the corresponding node number The SDCA01 board rotary switch setting (7) of the corresponding node number (SV#8)
					Connection failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector.</p> <ul style="list-style-type: none"> CN207 cable of ASF01 board CN509 cable of SDCA01 board The cable of SDCA01 board connector CN515/516 CNBXconnector of SDCA01 board and ASF01 board The cable of AIF01 board connector CN111 The cable of CPS unit connector CN155
					ASF01 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.</p>
					AIF01 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			50	An error occurred during startup sequence processing with the servo CPU of 1st servo board, and the system did not startup normally.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> Control group settings in maintenance mode The SDCA01 board rotary switch setting (0) of the corresponding node number (SV#1)
					Connection failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> CN509 cable of SDCA01 board The cable of SDCA01 board connector CN515/516 The cable of AIF01 board connector CN111 The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	An error occurred during startup sequence processing with the servo CPU of 2nd servo board, and the system did not startup normally.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (1) of the corresponding node number (SV#2)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	An error occurred during startup sequence processing with the servo CPU of 3rd servo board, and the system did not startup normally.	Setting error	(1)Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (2) of the corresponding node number (SV#3)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			53	An error occurred during startup sequence processing with the servo CPU of 4th servo board, and the system did not startup normally.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (3) of the corresponding node number (SV#4)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	An error occurred during startup sequence processing with the servo CPU of 5th servo board, and the system did not startup normally.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (4) of the corresponding node number (SV#5)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			55	An error occurred during startup sequence processing with the servo CPU of 6th servo board, and the system did not startup normally.	Setting error	Check the following settings. ·Control group settings in maintenance mode ·The SDCA01 board rotary switch setting (5) of the corresponding node number (SV#6)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			56	An error occurred during startup sequence processing with the servo CPU of 7th servo board, and the system did not startup normally.	Setting error	Check the following settings. · Control group settings in maintenance mode · The SDCA01 board rotary switch setting (6) of the corresponding node number (SV#7)
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			57	An error occurred during startup sequence processing with the servo CPU of 8th servo board, and the system did not startup normally.	Setting error	Check the following settings. · Control group settings in maintenance mode · The SDCA01 board rotary switch setting (7) of the corresponding node number (SV#8)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0420	DEVICENET ALLOC FL TRANSMIT ERR	The communication setting of the DeviceNet needs to be recorded when JARCR-XFB01B (DeviceNet board) is used as a communication master. The file with the record is called the DeviceNet allocation file. The DeviceNet allocation file is transmitted when turning on the power supply.	1	The DeviceNet allocation file1 could not be transmitted to the specified station.	Setting error	Check the following settings. [XFB01 board] · The settings of the objective DeviceNet allocation file · The I/O module settings of the objective DeviceNet board in maintenance mode · The DeviceNet allocation of the I/O module in maintenance mode
					XFB01B board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. · XFB01B board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The DeviceNet allocation file2 could not be transmitted to the specified station.	Setting error	Check the following settings. [XFB01 board] · The settings of the objective DeviceNet allocation file · The I/O module settings of the objective DeviceNet board in maintenance mode · The DeviceNet allocation of the I/O module in maintenance mode
					XFB01B board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replacing the board to be safe. · XFB01B board
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0500	SEGMENT PROC NOT READY	To properly operate the manipulator, it is required to complete the processing of operation instructions within the specified time. This alarm occurs if the processing of operation instructions is not completed within the specified time.			Setting error	Check the following settings. - Instruction execution cycle
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0510	SOFTWARE VERSION UNMATCH	The combination of the ACP01 board program and the SDCA01/Option board program is incorrect.	20	1st option board's interface version is not corresponding to ACP01.	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			21	2nd option board's interface version is not corresponding to ACP01.	ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	ASF01 board connected to the 1st servo board's software version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the ASF01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	ASF01 board connected to the 2nd servo board's software version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the ASF01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	ASF01 board connected to the 3rd servo board's software version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the ASF01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	ASF01 board connected to the 4th servo board's software version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the ASF01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	ASF01 board connected to the 5th servo board's software version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the ASF01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	ASF01 board connected to the 6th servo board's software version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the ASF01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			36	ASF01 board connected to the 7th servo board's software version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the ASF01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			37	ASF01 board connected to the 8th servo board's software version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the ASF01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	1st servo board's interface version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the SDCA01 board version and then consult your YASKAWA representative.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	2nd servo board's interface version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the SDCA01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	3rd servo board's interface version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the SDCA01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	
			53	4th servo board's interface version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the SDCA01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	
			54	5th servo board's interface version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the SDCA01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			55	6th servo board's interface version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the SDCA01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			56	7th servo board's interface version is not corresponding to v	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the SDCA01 board version and then consult your YASKAWA representative.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			57	8th servo board's interface version is not corresponding to ACP01.	Software error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the SDCA01 board version and then consult your YASKAWA representative.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0520	AXIS LIMIT OVER	The number of axes exceeds the permissible value.	0		Setting error	Check the following settings. ·Control group settings in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0600	MEDAR STATUS ERROR	An error occurred at the MEDAR timer.			MADER timer error	Refer to the instruction manual for the MEDAR function.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0601	MEDAR DIAGNOSIS ERROR	An error occurred at the MEDAR timer.			MADER timer error	Refer to the instruction manual for the MEDAR function.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0602	MEDAR VERSION ERROR	An error occurred at the MADER timer.			MADER timer error Other	Refer to the instruction manual for the MEDAR function. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0603	MEDAR REVISION ERROR	An error occurred at the MADER timer.			MADER timer error Other	Refer to the instruction manual for the MEDAR function. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0604	MEDAR MODE CHANGE ERROR	An error occurred at the MADER timer.			MADER timer error Other	Refer to the instruction manual for the MEDAR function. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0605	MEDAR SCHEDULE TRANSMIT ERROR	An error occurred at the MADER timer.			MADER timer error Other	Refer to the instruction manual for the MEDAR function. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0606	MEDAR ERROR 1	An error occurred at the MADER timer.			MADER timer error Other	Refer to the instruction manual for the MEDAR function. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0607	MEDAR ERROR 2	An error occurred at the MADER timer.			MADER timer error Other	Refer to the instruction manual for the MEDAR function. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0608	MEDAR WELDER TYPE MISMATCH	An error occurred at the MADER timer.			MADER timer error Other	Refer to the instruction manual for the MEDAR function. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0609	MEDAR PARAMETER ERROR	An error occurred at the MADER timer.			MADER timer error Other	Refer to the instruction manual for the MEDAR function. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0610	MEDAR STEPPER TRANSMIT ERROR	An error occurred at the MEDAR timer.			MEDAR timer error Other	Refer to the instruction manual for the MEDAR function. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0700	VERIFY ERROR(EX IO ALLOC FILE)	The YRC1000 verifies that the EX IO file are correctly set during a startup process. This alarm occurs if the YRC1000 detects an error in the verification process.			Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD Card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0710	LADDER INITIALIZE ERROR	The ladder program could not be initialized successfully.			Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0720	LADDER PROGRAM ERROR	This alarm occurs if the relay number of ladder program specification is wrong.	1	An error was found in the relay No. specification.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An error was found in the register No. specification.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An incorrect instruction was set.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Output register is used redundantly.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Output relay is used redundantly.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Unconnected relay exists.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The STR instructions are overused.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8	The AND-STR instructions are overused.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	A syntax error was found in the CNT instruction.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The head of the block starts with an instruction other than the STR instruction.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Excessive machine codes	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The last instruction is not the END instruction.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	
			13	An error was found in the PART instruction.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	An error was found in the GOUT instruction.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			15	The No. of operand is incorrect.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	The constant value is incorrect.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	The step capacity exceeds the memory capacity.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	The number of operation instructions exceed the permissible value.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	A syntax error was found in the CNT instruction or TMR instruction.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	A syntax error was found in the JMP-LABEL instructions.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	The label of JMP destination does not exist.	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0730	COMMUNICATION ERROR (SKS-SERIAL)	An error occurred when performing serial communication with SKS welder.	0	Welder power serial I/F task cannot be created.	ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	Incorrect values are set for the communication frame number with the welder power.	Setting error	Check the following setting. ·The number of communication frames for Welder power serial communication (RS262)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Incorrect values are set for the number of the sending bytes per frame with the welder power.	Setting error	Check the following setting. ·The number of the sending bytes for Welder power serial communication (RS260)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Incorrect values are set for the number of the receiving bytes per frame with the welder power.	Setting error	Check the following setting. ·The number of the receiving bytes for Welder power serial communication (RS261)

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The binary semaphore to start up event for Welder power serial I/F task cannot be created.	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The event resource for Welder power serial I/F task cannot be created.	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The completion notification mail of Welder power serial I/F task cannot be created.	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	Welder power serial I/F task cannot be created.	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0770	SAFETY FIELDBUS SET ERR(ACP01)	Setting of the Safety Fieldbus function is incorrect.	1	Safety slave and standard master are used simultaneously in one channel of the DeviceNet board.	Setting error	Check the following settings. - Select [SYSTEM] - [SETUP] - [OPTION BOARD] settings in maintenance mode. Display the slot(channel) that is configured with DeviceNet Safety, set to slave mode. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Board that can not be used with DeviceNet Safety is set.	Setting error	Check the following settings. - Insert the SST-DN4-PCU board to the PCI slot to be used in the DeviceNet Safety. Select [SYSTEM] - [SETUP] - [OPTION BOARD] settings in maintenance mode, set the DeviceNet Safety.
					SST-DN4-PCU board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SST-DN4-PCU board. Save the CMOS.BIN before replace the board to be safe. Replace the SST-DN4-PCU board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0771	SAFETY FIELDBUS SYS ERR(ACP01)	An error occurred in the Safety Fieldbus function.	10000	The error was detected by the safety fieldbus process (ACP01). Subcode shows the error part of software.	SST-DN4-PCU board failure	In the case of DeviceNet Safety, please check the following. (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SST-DN4-PCU board. Save the CMOS.BIN before replace the board to be safe. Replace the SST-DN4-PCU board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0772	DeviceNet Safety RESET REQUEST			Safety reset request was received from the safety PLC in communication.	Operation failure	Turn the power OFF then back ON.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0790	MEMORY BATTERY WEAK			The AIF01 battery is exhausted.	Other Connection failure Battery failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check if the battery is correctly connected to CN110/BAT on the AIF01 board. Refer to Chapter 5.1.1.1 Replacing the Battery in YRC1000 Maintenance manual (RE-CHO-A108) and replace the battery. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0800	FILE BACKUP ERROR (ACP01 SD)	The YRC1000 saves a part of data needed for system operations on the SD Card in the ACP01 board. When the data is changed, the new data is written on the SD Card. This alarm occurs if this data writing cannot be done correctly. Since this alarm occurs due to SD Card access failure, it is not recorded in the alarm history.		The management area (FAT) of SD Card in ACP01 board is damaged.	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0801	FILE LOAD ERROR (ACP01 SD)	The YRC1000 saves a part of data needed for system operations on the SD Card in the ACP01 board. The data is read out when the controller power is turned ON. This alarm occurs if this data reading cannot be done correctly. Since this alarm occurs due to SD Card access failure, it is not recorded in the alarm history.			ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3000	PANELBOX.LOG file broken	DATA failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, select the following menu. - {SYSTEM} - {DATA REBUILD}
					SD card failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SD card. Save the CMOS.BIN before replace the board to be safe. Replace the SD card, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0802	FILE I/O ERROR (ACP01 SD)	The YRC1000 saves a part of data needed for system operations on the SD Card in the ACP01 board. This alarm occurs if it cannot access to the ACP01 correctly. Usually, this alarm occurs accAL-0800 and AL-0801 occurs simultaneously. Since this alarm occurs due to SD Card access failure, it is not recorded in the alarm history.			ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0803	FILE ERROR	The YRC1000 software controls the detailed data of robot or motor at the extra file called [MECHA.ROM]. This alarm occurs if this file cannot be read correctly.		An error occurred during the parameter of Manipulator Model (mecha.rom) loading.	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0810	TOYOPUC ALLOC DEF ERROR	The TOYOPUC board cannot be identified.	1	An error was found in the input/output direction data of allocation configuration.	Setting error	Check the following settings. -Allocation configuration for the TOYOPUC

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Allocation configuration for the TOYOPUC
			3	In the output side setting of allocation configuration data, the specified R-register start No. for the TOYOPUC exceeds the R-register limit.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Allocation configuration for the TOYOPUC
			4	In the output side setting of allocation configuration data, the set number to use the input side R-register of the TOYOPUC exceeds the R-register limit.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Allocation configuration for the TOYOPUC
			5	In the output side setting of allocation configuration data, the set number to use the M-register of concurrent I/O exceeds the M-register limit.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	An error was found in the type set for output direction of allocation configuration data.	Setting error	Check the following settings. · Allocation configuration for the TOYOPUC
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	An error was found in the type set for input direction of allocation configuration data.	Setting error	Check the following settings. · Allocation configuration for the TOYOPUC
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	An error was found in the type specified for system data of allocation configuration data.	Setting error	Check the following settings. · Allocation configuration for the TOYOPUC
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			12	An error was found in the specified number of registers which are used by the system data "CURR.POS. (PULSE)" of allocation configuration.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	An error was found in the specified number of registers which are used by the system data "CURR.POS. (XYZ)" of allocation configuration.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	An error was found in the specified number of registers which are used by the system data "WELDING INFO." of allocation configuration.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			18	An error was found in the specified number of registers which are used by the system data "TASK INFO." of allocation configuration.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	An error was found in the specified number of registers which are used by the system data "EXECUTE PROGRAM INFO." of allocation configuration.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	An error was found in the specified number of registers which are used by the system data "INST. MESSAGE" of allocation configuration.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			23	An error was found in the specified number of registers for "Alarm/Error/Message" in the system data of Allocation setting information.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	In the input side setting of allocation configuration data, the specified R-register start No. for the TOYOPUC exceeds the R-register limit.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	In the input side setting of allocation configuration data, the set number to use the input side R-register of the TOYOPUC exceeds the R-register limit.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			32	In the input side setting of allocation configuration data, the set number to use the M-register of concurrent I/O exceeds the M-register limit.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	An error was found in the specified number of registers which are used by the system data "standard time setting data" of allocation configuration.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			41	In the output side setting of allocation configuration data, some of the TOYOPUC's R-registers are specified redundantly.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			42	In the output side setting of allocation configuration data, some of the M-registers of concurrent I/O are specified redundantly.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			44	In the input side setting of allocation configuration data, some of the TOYOPUC's R-registers are specified redundantly.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			45	In the input side setting of allocation configuration data, some of the M-registers of concurrent I/O are specified redundantly.	Setting error	Check the following settings. ·Allocation configuration for the TOYOPUC
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the TOYOPUC board
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0831	FORCE SENSOR COMMUNICATION ERROR	Communication error of the force sensor board happen.		Sub Code: 1000 ?channelx100 ?factor: 0 send complete error 1 receive time out 2 receive break letter 3 framing error 4 parity error 5 over run error 6 receive length error 7 no STX control letter 8 no ETB control letter 9 BCC error 10 sequence number error 11 sensor detection error	Hardware failure	(1)After checking the following two items, turn the power OFF then back ON. -the connection status -the sensor type (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure)
0900	WATCHDOG TIMER ERROR(AIF01 board)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the AIF01 board.		A Watchdog timeout was detected in the AIF01 board.	ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0901	WATCHDOG TIMER ERROR(ACP02#1)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ACP02#1 board.		A Watchdog timeout was detected in the ACP02 #1 board.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0902	WATCHDOG TIMER ERROR(ACP02#2)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ACP02#2 board.		A Watchdog timeout was detected in the ACP02 #2 board.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0903	WATCHDOG TIMER ERROR(ACP02#3)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ACP02#3 board.		A Watchdog timeout was detected in the ACP02 #3 board.	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0904	WATCHDOG TIMER ERROR(ACP02#4)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ACP02#4 board.		A Watchdog timeout was detected in the ACP02 #4 board.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0905	WATCHDOG TIMER ERROR(ACP02#5)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ACP02#5 board.		A Watchdog timeout was detected in the ACP02 #5 board.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0906	WATCHDOG TIMER ERROR(ACP02#6)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ACP02#6 board.		A Watchdog timeout was detected in the ACP02 #6 board.	Setting error	Check the following settings. ·Optional board in maintenance mode

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP02 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replacing the board to be safe. ·ACP02 board
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0907	WATCHDOG TIMER ERROR(ACP02#7)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ACP02#7 board.		A Watchdog timeout was detected in the ACP02 #7 board.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replacing the board to be safe. ·ACP02 board
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0908	WATCHDOG TIMER ERROR(ACP02#8)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ACP02#8 board.		A Watchdog timeout was detected in the ACP02 #8 board.	Setting error	Check the following settings. -Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0910	CPU ERROR(ACP01)	An unexpected error was detected in ACP01 (main CPU board).		An error was detected in the CPU. 0-255: error code detected by ACP01 1000-: internal error of software	ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0911	CPU ERROR(ACP02#1)	An error was detected in the CPU of the optional ACP02 #1.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0912	CPU ERROR(ACP02#2)	An error was detected in the CPU of the optional ACP02 #2.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0913	CPU ERROR(ACP02#3)	An error was detected in the CPU of the optional ACP02 #3.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0914	CPU ERROR(ACP02#4)	An error was detected in the CPU of the optional ACP02 #4.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0915	CPU ERROR(ACP02#5)	An error was detected in the CPU of the optional ACP02 #5.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0916	CPU ERROR(ACP02#6)	An error was detected in the CPU of the optional ACP02 #6.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0917	CPU ERROR(ACP02#7)	An error was detected in the CPU of the optional ACP02 #7.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0918	CPU ERROR(ACP02#8)	An error was detected in the CPU of the optional ACP02 #8.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0920	WATCHDOG TIMER ERROR(MSF#1)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#1 board.	0	A Watchdog timeout was detected in the ASF01#1 board (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the ASF01#1 board (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0921	WATCHDOG TIMER ERROR(MSF#2)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#2 board.	0	A Watchdog timeout was detected in the ASF01#2 board (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the ASF01#2 board (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0922	WATCHDOG TIMER ERROR(MSF#3)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#3 board.	0	A Watchdog timeout was detected in the ASF01#3 board (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the ASF01#3 board (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0923	WATCHDOG TIMER ERROR(MSF#4)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#4 board.	0	A Watchdog timeout was detected in the ASF01#4 board (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the ASF01#4 board (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0924	WATCHDOG TIMER ERROR(MSF#5)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#5 board.	0	A Watchdog timeout was detected in the ASF01#5 board (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the ASF01#5 board (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0925	WATCHDOG TIMER ERROR(MSF#6)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#6 board.	0	A Watchdog timeout was detected in the ASF01#6 board (CPU1).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the ASF01#6 board (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0926	WATCHDOG TIMER ERROR(MSF#7)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#7 board.	0	A Watchdog timeout was detected in the ASF01#7 board (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the ASF01#7 board (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0927	WATCHDOG TIMER ERROR(MSF#8)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#8 board.	0	A Watchdog timeout was detected in the ASF01#8 board (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the ASF01#8 board (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0931	CPU HANG UP ERROR(ACP02#1)	An error was detected in the CPU of the optional ACP02 #1.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0932	CPU HANG UP ERROR(ACP02#2)	An error was detected in the CPU of the optional ACP02 #2.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0933	CPU HANG UP ERROR(ACP02#3)	An error was detected in the CPU of the optional ACP02 #3.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0934	CPU HANG UP ERROR(ACP02#4)	An error was detected in the CPU of the optional ACP02 #4.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0935	CPU HANG UP ERROR(ACP02#5)	An error was detected in the CPU of the optional ACP02 #5.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0936	CPU HANG UP ERROR(ACP02#6)	An error was detected in the CPU of the optional ACP02 #6.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0937	CPU HANG UP ERROR(ACP02#7)	An error was detected in the CPU of the optional ACP02 #7.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0938	CPU HANG UP ERROR(ACP02#8)	An error was detected in the CPU of the optional ACP02 #8.		An error was detected in the CPU.	Setting error	Check the following settings. ·Optional board in maintenance mode
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0940	WATCHDOG TIMER ERROR(SV#1)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the SDCA01#1 board.		A Watchdog timeout was detected in the SDCA01#1 board.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0941	WATCHDOG TIMER ERROR(SV#2)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the SDCA01#2 board.		A Watchdog timeout was detected in the SDCA01#2 board.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0942	WATCHDOG TIMER ERROR(SV#3)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the SDCA01#3 board.		A Watchdog timeout was detected in the SDCA01#3 board.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0943	WATCHDOG TIMER ERROR(SV#4)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the SDCA01#4 board.		A Watchdog timeout was detected in the SDCA01#4 board.	Other SDCA01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0944	WATCHDOG TIMER ERROR(SV#5)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the SDCA01#5 board.		A Watchdog timeout was detected in the SDCA01#5 board.	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0945	WATCHDOG TIMER ERROR(SV#6)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the SDCA01#6 board.		A Watchdog timeout was detected in the SDCA01#6 board.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0946	WATCHDOG TIMER ERROR(SV#7)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the SDCA01#7 board.		A Watchdog timeout was detected in the SDCA01#7 board.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0947	WATCHDOG TIMER ERROR(SV#8)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the SDCA01#8 board.		A Watchdog timeout was detected in the SDCA01#8 board.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0950	CPU ERROR(SV#1)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in SDCA01 #1.		An error was detected in the CPU of servo board #1.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The cable of SDCA01 board CN509 ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0951	CPU ERROR(SV#2)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in SDCA01 #2.		An error was detected in the CPU of servo board #2.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The cable of SDCA01 board CN509 ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0952	CPU ERROR(SV#3)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in SDCA01 #3.		An error was detected in the CPU of servo board #3.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The cable of SDCA01 board CN509 ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0953	CPU ERROR(SV#4)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in SDCA01 #4.		An error was detected in the CPU of servo board #4.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The cable of SDCA01 board CN509 ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0954	CPU ERROR(SV#5)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in SDCA01 #5.		An error was detected in the CPU of servo board #5.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The cable of SDCA01 board CN509 ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0955	CPU ERROR(SV#6)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in SDCA01 #6.		An error was detected in the CPU of servo board #6.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The cable of SDCA01 board CN509 ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0956	CPU ERROR(SV#7)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in SDCA01 #7.		An error was detected in the CPU of servo board #7.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The cable of SDCA01 board CN509 ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0957	CPU ERROR(SV#8)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in SDCA01 #8.		An error was detected in the CPU of servo board #8.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The cable of SDCA01 board CN509 ·The cable of SDCA01 board connector CN515/516 ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0960	CPU ERROR(MSF#1)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01 #1.	0	An error was detected in the CPU of ASF01 board #1 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error was detected in the CPU of ASF01 board #1 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0961	CPU ERROR(MSF#2)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01 #2.	0	An error was detected in the CPU of ASF01 board #2 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error was detected in the CPU of ASF01 board #2 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0962	CPU ERROR(MSF#3)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01 #3.	0	An error was detected in the CPU of ASF01 board #3 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error was detected in the CPU of ASF01 board #3 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0963	CPU ERROR(MSF#4)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01 #4.	0	An error was detected in the CPU of ASF01 board #4 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	An error was detected in the CPU of ASF01 board #4 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0964	CPU ERROR(MSF#5)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01 #5.	0	An error was detected in the CPU of ASF01 board #5 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				An error was detected in the CPU of ASF01 board #5 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
			1		ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0965	CPU ERROR(MSF#6)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01 #6.	0	An error was detected in the CPU of ASF01 board #6 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error was detected in the CPU of ASF01 board #6 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0966	CPU ERROR(MSF#7)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01 #7.	0	An error was detected in the CPU of ASF01 board #7 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error was detected in the CPU of ASF01 board #7 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0967	CPU ERROR(MSF#8)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01 #8.	0	An error was detected in the CPU of ASF01 board #8 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error was detected in the CPU of ASF01 board #8 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then remove the SD card from the failure AIF01 board to insert it into the new AIF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0970	CPU ERROR(FSF01#1)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01#1 board.	0	An error was detected in the CPU of ASF01 board #1 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	An error was detected in the CPU of ASF01 board #1 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0971	CPU ERROR(FSF01#2)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01#2 board.	0	An error was detected in the CPU of ASF01 board #2 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				An error was detected in the CPU of ASF01 board #2 (CPU2).	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBxconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
			1		ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0972	CPU ERROR(FSF01#3)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01#3 board.	0	An error was detected in the CPU of ASF01 board #3 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error was detected in the CPU of ASF01 board #3 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0973	CPU ERROR(FSF01#4)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01#4 board.	0	An error was detected in the CPU of ASF01 board #4 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error was detected in the CPU of ASF01 board #4 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0974	CPU ERROR(FSF01#5)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01#5 board.	0	An error was detected in the CPU of ASF01 board #5 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBxconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				An error was detected in the CPU of ASF01 board #5 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
			1		ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0975	CPU ERROR(FSF01#6)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01#6 board.	0	An error was detected in the CPU of ASF01 board #6 (CPU1).	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	An error was detected in the CPU of ASF01 board #6 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0976	CPU ERROR(FSF01#7)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01#7 board.	0	An error was detected in the CPU of ASF01 board #7 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				An error was detected in the CPU of ASF01 board #7 (CPU2).	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. · CN207 cable of ASF01 board · CN509 cable of SDCA01 board · The cable of SDCA01 board connector CN515/516 · CNBxconnector of SDCA01 board and ASF01 board · The cable of AIF01 board connector CN111 · The cable of CPS unit connector CN155
			1		ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0977	CPU ERROR(FSF01#8)	The YRC1000 can safely stop the system even when an unexpected processing occurs on each board. This alarm occurs if an unexpected error occurs in ASF01#8 board.	0	An error was detected in the CPU of ASF01 board #8 (CPU1).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error was detected in the CPU of ASF01 board #8 (CPU2).	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN207 cable of ASF01 board ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBXconnector of SDCA01 board and ASF01 board ·The cable of AIF01 board connector CN111 ·The cable of CPS unit connector CN155
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0980	WATCHDOG TIMER ERROR(FSF01#1)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#1 board.	0	A Watchdog timeout was detected in the Safety board #1 (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the Safety board #1 (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0981	WATCHDOG TIMER ERROR(FSF01#2)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#2 board.	0	A Watchdog timeout was detected in the Safety board #2 (CPU1).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the Safety board #2 (CPU2).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0982	WATCHDOG TIMER ERROR(FSF01#3)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#3 board.	0	A Watchdog timeout was detected in the Safety board #3 (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	A Watchdog timeout was detected in the Safety board #3 (CPU2).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0983	WATCHDOG TIMER ERROR(FSF01#4)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#4 board.	0	A Watchdog timeout was detected in the Safety board #4 (CPU1).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the Safety board #4 (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0984	WATCHDOG TIMER ERROR(FSF01#5)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#5 board.	0	A Watchdog timeout was detected in the Safety board #5 (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the Safety board #5 (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0985	WATCHDOG TIMER ERROR(FSF01#6)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#6 board.	0	A Watchdog timeout was detected in the Safety board #6 (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the Safety board #6 (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0986	WATCHDOG TIMER ERROR(FSF01#7)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#7 board.	0	A Watchdog timeout was detected in the Safety board #7 (CPU1).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	A Watchdog timeout was detected in the Safety board #7 (CPU1).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0987	WATCHDOG TIMER ERROR(FSF01#8)	The YRC1000 can safely stop the system with a watchdog function when an error occurred. This alarm occurs if a watchdog timeout is detected in the ASF01#8 board.	0	A Watchdog timeout was detected in the Safety board #8 (CPU1).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	A Watchdog timeout was detected in the Safety board #8 (CPU2).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0990	SYSTEM ERROR(ACP01)	This alarm occurs if an unexpected error occurs in AIF01 board.	1	ACP01board detect the Controller power off signal (Power lost signal) of AIF01 board when the control power turned ON. This alarm may occur, when the control power turned OFF before an online screen is displayed by a programming pendant.	Execute condition failure	Turn the power OFF after the online window appears on the programming pendant. (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

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Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	ACP01board detect the WATCHDOG TIMER ERROR of AIF01 board when the control power turned ON.	AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	ACP01board detect the Servo IF Initialize error of AIF01 board when the control power turned ON.	AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	ACP01board detect the IO IF Initialize error of AIF01 board when the control power turned ON.	AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Processing time error of the IO processing	AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Processing time error of the SV communication,	AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7	It was detected that AC power supply became less than the specified voltage.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The cable of CPS01 unit connector CN158/159 ·The CN5 connector of the ABB01 back board. ·Cable replace between the CPS01 unit and the ABB01 back board.
					APU unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the APU unit. Save the CMOS.BIN before replace the unit to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0991	SYSTEM ERROR(ACP02#1)	An error was detected in the CPU of the optional ACP02 #1.	1	An error was detected in the CPU of the optional ACP02 #1.	ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0992	SYSTEM ERROR(ACP02#2)	An error was detected in the CPU of the optional ACP02 #2.	1	An error was detected in the CPU of the optional ACP02 #2.	ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0993	SYSTEM ERROR(ACP02#3)	An error was detected in the CPU of the optional ACP02 #3.	1	An error was detected in the CPU of the optional ACP02 #3.	ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0994	SYSTEM ERROR(ACP02#4)	An error was detected in the CPU of the optional ACP02 #4.	1	An error was detected in the CPU of the optional ACP02 #4.	ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0995	SYSTEM ERROR(ACP02#5)	An error was detected in the CPU of the optional ACP02 #5.	1	An error was detected in the CPU of the optional ACP02 #5.	Other ACP02 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0996	SYSTEM ERROR(ACP02#6)	An error was detected in the CPU of the optional ACP02 #6.	1	An error was detected in the CPU of the optional ACP02 #6.	ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (0000 to 0999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
0997	SYSTEM ERROR(ACP02#7)	An error was detected in the CPU of the optional ACP02 #7.	1	An error was detected in the CPU of the optional ACP02 #7.	ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
0998	SYSTEM ERROR(ACP02#8)	An error was detected in the CPU of the optional ACP02 #8.	1	An error was detected in the CPU of the optional ACP02 #8.	ACP02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. -ACP02 board
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List

Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1000	ROM ERROR(ACP01)	A checksum error occurred in the ROM of ACP01 (main CPU board).			Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1001	ROM ERROR(SDCA01)	This alarm is caused by faulty data in ROM of SDCA01 board.	11	A checksum error occurred in the board or the EEPROM.(*: axis No.)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	A checksum error occurred in the board or the EEPROM.(*: axis No.)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	A checksum error occurred in the board or the EEPROM.(*: axis No.)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	A checksum error occurred in the board or the EEPROM.(*: axis No.)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			15	A checksum error occurred in the board or the EEPROM. (*: axis No.)	SDCA01 board failure Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	A checksum error occurred in the board or the EEPROM. (*: axis No.)	SDCA01 board failure Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	A checksum error occurred in the board or the EEPROM. (*: axis No.)	SDCA01 board failure Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	A checksum error occurred in the board or the EEPROM. (*: axis No.)	SDCA01 board failure Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	A checksum error occurred in the board or the EEPROM. (*: axis No.)	SDCA01 board failure Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	The SRDY signal did not turn ON after the WRITE ENABLE (EEPROM WRITE ENABLE error)	SDCA01 board failure Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			21	The SRDY signal did not turn ON after the WRITE PROTECT command was written. (EEPROM WRITE PROTECT error)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	The SRDY signal did not turn ON after the ERASE command was written. (EEPROM ERASE error)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	The SRDY signal did not turn ON after the CLEAR command was written. (EEPROM CLEAR error)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	The SRDY signal did not turn ON after data were written. (EEPROM writing error)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	The SRDY signal did not turn ON after data were read. (EEPROM reading error)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	The written data were rejected at verification. (EEPROM verify error)	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1020	MotoPlus (APPLICATION LOAD ERROR)	Failed at loading MotoPlus application.	1	Num of the Application files on the ACP01 board SD card is over the limit.	Setting error	Delete unnecessary application files ".out" by MotoPlus menu in the maintenance mode in order not to exceed the file number limitation.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Insufficient memory space. At the loading time, remaining CPU memory is less than 2MByte (Stipulated memory size for MotoPro) .	Setting error	Under current system configuration and option function combination, there is not enough memory to run MotoPlus application. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). It may be necessary to replace the ACP01 board with the one with larger memory.
			3	MotoPlus application folder "/" Application" cannot be found.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Memory size (Code area + static variable area) required by MotoPlus Application is over the limit(2Mbyte).	Setting error	(1) Check the static memory definition of the application program. (2) Redesign the application program in order not to exceed the memory size limitation.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Undefined symbols are included in the application. The Symbols are not included in the MotoPlusAPI library or standard function library.	Setting error	Check that the application program doesn't include any undefined symbols such as function and constant that are not provided by the system.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Load failure (The application cannot be loaded since the memory (program area + static variable area) that the MotoPlus application requires exceeds the specified value (2MByte).)	Setting error	(1)Check if the static variables are correctly defined in the MotoPlus application. (2)Review the MotoPlus application program so that the memory used for it doesn't exceed the specified value. (3)Check if the object files are correctly created by MotoPlusIDE.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	API library initialization failure because of Insufficient system memory to load MotoPlusAPI library	Setting error	Under current system configuration and the combination of optional functions, the ACP01 board (Main CPU board) doesn't have enough memory to run MotoPlus application. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). It may be necessary to change the ACP01 board to the one with a large-capacity memory.
			8	User root task "mpUsrRoot()" not included in the application	Setting error	Check if mpUsrRoot() is described in the application program.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	User root task generation failure	Setting error	Under current system configuration and the combination of optional functions, the ACP01 board (Main CPU board) doesn't have enough memory to run MotoPlus application. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). It may be necessary to change the ACP01 board to the one with a large-capacity memory.
			10	RAM-Disk generation failure	Setting error	Under current system configuration and the combination of optional functions, the ACP01 board (Main CPU board) doesn't have enough memory to run MotoPlus application. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). It may be necessary to change the ACP01 board to the one with a large-capacity memory.
			16	Same name application files exist.	Setting error	Delete the same name application file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1030	MEMORY ERROR(PARAMETER FILE)	This alarm occurs when an error is detected during total check of parameters.	0	RCD, RCxG parameter error	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	ROxG parameter error	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	SVD, SVxG parameter error	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	SVMxG parameter error	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	S1CxG, S2C, S3C, S4C parameter error	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	S1D, S2D, S3D, S4D parameter error	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	CIO parameter error	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	FD parameter error	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	A1P, A2P, ..., A8P parameter error	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9	RS parameter error	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	S1E, S2E, ..., S8E parameter error	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	SVCxB parameter error	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			12	AMCxG parameter error	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	SVPxG parameter error	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	MFXG parameter error	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			15	SVSxB parameter error	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	REXG parameter error	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	FMSxB parameter error	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate parameter file in maintenance mode, and then load the parameter file saved in the external memory device.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1031	MEMORY ERROR(MOTION1)	Data error occurred in the file data used by MOTION section.	0	"GET FILE" instruction, "SET FILE" instruction execution target file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	Home position calibration file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Tool file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	User coordinates file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Robot calibration file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Tool calibration file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Weaving amplitude condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Home position correction data file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Conveyor calibration file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Arm and tool interference prevention file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	Weaving file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	Power Source condition data file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	Welding condition auxiliary file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			23	Arc start condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	Arc end condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	COMARC condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	COMARC data file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			27	Path correction condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			28	Painting characteristics file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			29	Painting condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	Multi-layer index file	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	Multi-layer condition file	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	Sensor monitoring condition file	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	Conveyor condition file	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	Press characteristics file	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			36	Servo float condition file	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			37	Spot welding Power Source condition data file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			38	Air-gun condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			39	Motor-gun condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			40	Gun pressure file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			41	Gun pressure file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			42	Anticipation OT# output file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			43	Anticipation OG# output file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			44	Handling condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			45	Form cut file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			46	Spot (user) I/O allocation file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			47	Linear servo float condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			48	Macro definition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			49	Seal amount correction condition file (spray)	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			50	Seal amount correction condition file (undercoat)	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	Arc monitor file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			53	Job registration table	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	Painting device condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			55	Painting system file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			56	Painting condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			57	Paint characteristics file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			58	EVB gun file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			59	Paint filling file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			60	Welding pulse condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			61	Clearance file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			64	Conveyor condition auxiliary file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			65	Laser welding start condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			66	Laser welding end condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			67	Palletizing condition file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			68	Air-gun pressure file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			69	Mastering registration position	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			86	Paint system config file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			87	Paint special file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			88	Paint calibration config file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			89	Paint data config file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			91	Svclamp file	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1033	MEMORY ERROR(MODEL DATA FILE)	The model data file is abnormal		Sub;Model file number	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data, and then load the data saved in the external memory device.
1034	MEMORY ERROR(F-CONDITION FILE)	The force condition file is abnormal		Sub;force condition file number	Data error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, initialize the appropriate data, and then load the data saved in the external memory device.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1050	SET-UP PROCESS ERROR(SYSCON)	The system software monitors if the setup of MOTION section software is properly completed when the power turned ON. This alarm occurs if the MOTION section software fails to properly complete the setup. Note that the alarm AL-1051 (SET-UP PROCESS ERROR) occurs in conjunction with this alarm. (For details, refer to AL-1051.) The error and message of interior temperature error and interior fan error might be complicated because it doesn't starting up normally in this state.	1	Motion instruction setup incomplete.	ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Online error	ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	SPT management file setup incomplete.	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Welder I/F board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the Welder I/F board. Save the CMOS.BIN before replacing the board to be safe.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1051	SET-UP PROCESS ERROR(MOTION)	Setup process of MOTION section was not properly completed when the power turned ON.	1	Unable to properly activate the servo control	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The position data of when the power supply was turned OFF cannot be transmitted to the servo control section	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The servo control section cannot receive the position data of when the power supply was turned OFF	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Unable to send a request to turn ON the PG power supply for the mounted (PICK) axis	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Unable to turn ON the PG power supply for the mounted (PICK) axis	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Unable to send a request to prepare a feedback pulse	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Unable to prepare a feedback pulse	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Unable to send a request to initialize the arithmetic section (ARITH)	ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			10	Unable to initialize ARITH	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Unable to send a request to prepare the current position	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	Unable to prepare the current position	ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1100	SYSTEM ERROR	An unknown alarm was detected.		Sub Code C, B, F : Subcode of unknown alarm	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					RAM software data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1101	SYSTEM ERROR(MAN-MACHINE MECHA)	An error occurred during the system control check.		Sub Code 0 to 19: Internal control error in software	Software operation error occurred Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1102	SYSTEM ERROR(MAN-MACHINE APPLI)	An error occurred during the system control check.		Sub Code 0 to 16383: Internal control error in software	Software operation error occurred Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1103	SYSTEM ERROR(EVENT)	An error occurred during the system event data control check.		Sub Code 1 to 8: Internal control error in software	Software operation error occurred Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1104	SYSTEM ERROR(CIO)	An error occurred during the system I/O control check.		Sub Code 1000_0000: I/O module setting error	Connection failure Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·CN300 communications connector of YIU unit ·CN304 power supply connector ·Cable of the YIU unit and the expanded I/O board (1)Turn the power OFF then back ON. (2)If the error occurs again, set the I/O module again in maintenance mode. (3)If the error occurs again though the previous measures were executed, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1105	SYSTEM ERROR(SERVO)	An error occurred during the SDCA01 board control check.	0	No processing corresponds to the command code sent from MOTION section.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	A communication cycle with MOTION section is incorrect.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	A task request was sent to an axis in the alarm status.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	The linear servo float function or gun arm bend compensation function does not support the manipulator type.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			31	The Motor gun press XYZ position monitoring function cannot be applied for the manipulator type specified in the RC parameter.	Setting error	Check the parameter setting value. If S1CxG170 is set to the number other than 0 (gun axis), change the setting to 0.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	The parameter related to motor gun application is wrong.	Setting error	Check the parameter setting value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			37	The manipulator (B-axis) passed the singular point while the linear servo float or gun arm bend compensation function is running.	Setting error	Correct the job so that the manipulator (B-axis) does not pass the singular point while the linear servo float or gun arm bend compensation function is running.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			38	The wrist axes correction angle surpassed its limit while the linear servo float or gun arm bend compensation function is running.	Setting error	(1)Correct the teaching point where this alarm occurs. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			47	The alarm number is illegal.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			49	Parameter was changed during execution of servo float function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	An error occurred when gun control command is executed.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			60	The axis endless function is set enabled for motor guns.	Setting error	Disable the corresponding axis endless function.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			70	The ASF01 board doesn't support the external axis individual control by the secondary contactor.	ASF01 board failure	Replace the ASF01 board which supports for the external axis individual control by the secondary contactor.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			80	DIN signal No. 5 is used although DIN signal extension is not valid.	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			81	DIN signal No. 6 is used although DIN signal extension is not valid.	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			82	AXIN signal No. 1 is used although DIN signal extension is valid.	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			83	AXIN signal No. 2 is used although DIN signal extension is valid.	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			100	The sequence was untimely executed in the general-purpose 12ms process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	The sequence was untimely executed in the SV_M data sub process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	The sequence was untimely executed in the general-purpose 2ms process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	The sequence was untimely executed in the general-purpose 4ms process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	The sequence was untimely executed in the dynamics calculation process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			106	The sequence was untimely executed in the dynamics compensation process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			108	The sequence was untimely executed in the MCPU sending and receiving process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			109	The sequence was untimely executed in the SV_M data process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			110	The universal three clock process executing sequence error process was executed according to unexpected timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			112	The sequence was untimely executed in the general-purpose_OPT1 process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			113	The sequence was untimely executed in the general-purpose_OPT2 process although it was not the execution timing.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			120	A general-purpose 12ms process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			121	The SV_M data sub process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			123	The general-purpose 2ms process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			124	The general-purpose 4ms process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			125	The dynamics calculation process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			126	The dynamics compensation process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			128	The dynamics calculation process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			129	The MCPU sending and receiving process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			130	The SV_M data process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			131	The universal three clock process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			132	The general-purpose_OPT1 process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			133	The general-purpose_OPT2 process did not complete within the time set on the scheduling table.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			151	The averaging time is not an even number. (times)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			160	The micro program interface did not complete within the time set on the scheduling table.	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			170	The parameter MFxG162 is not valid although the collision detection level data exists.	Setting error	Check the parameter setting value. If MFxG162 is set to the number other than 1 (gun axis), change the setting to 1.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			200	The notch filter doesn't become effective after shifting to PLAY mode.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			303	The difference between the base torque and the target torque exceeded the threshold in the jig robot bending correction.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			304	A base block ON signal is outputted when the base block should be released.	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			305	A base block release signal is outputted when the base block should be turned ON.	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			306	The specific flag of blake line check execution axis is not turned off at previous check.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			700	Data inconsistent status occurred at the start of measurement in the Pendant Oscilloscope Function.	Software operation error occurred	(1)Turn the power OFF then back ON, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			701	Data inconsistent status occurred during the measurement in the Pendant Oscilloscope Function.	Software operation error occurred	(1)Turn the power OFF then back ON, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000	The check item number of SVD parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1001	The check item number of SV parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1002	The check item number of SVM parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1003	The check item number of SVP parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1004	The check item number of AMC parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1005	The check item number of MFG parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1006	The check item number of MFA parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1007	The check item number of SVC parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1008	The check item number of SE parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1009	The check item number of SVC parameter is unmatched.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2100	The motioning software is not used with circuit board as target.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2500	The JL077 in which the each fault signal is recognized but no notification is sent from the converter.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CPS01-CN154 ·SDCA01-CN531, CN532, CN533 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592 (3)If the alarm repeatedly occurs, check if all the cables above are correctly connected.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4001	Execution of motion command did not complete within a certain time period. (***. command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4002	Execution of motion command did not complete within a certain time period. (***. command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4003	Execution of motion command did not complete within a certain time period. (***. command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4004	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4005	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4006	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4007	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4008	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4009	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4010	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4011	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4012	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4013	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4014	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4015	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4016	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4017	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4018	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4019	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4020	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4021	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4022	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4023	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4024	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4025	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4026	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4027	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4028	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4029	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4030	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4031	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4032	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4033	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4034	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4035	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4036	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4037	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4038	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4039	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4040	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4041	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4042	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4043	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4044	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4045	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4046	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4047	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4048	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4049	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4050	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4051	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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			4052	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4053	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4054	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4055	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4056	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4057	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4058	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4059	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4060	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4061	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4062	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4063	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4064	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4065	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4066	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4067	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4068	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4069	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4070	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4071	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4072	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4073	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4074	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4075	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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			4076	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4077	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4078	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4079	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4080	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4081	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4082	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4083	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4084	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4085	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4086	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4087	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4088	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4089	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4090	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4091	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4092	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4093	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4094	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4095	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4096	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4097	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4098	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4099	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4100	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4101	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4102	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4103	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4104	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4105	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4106	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4107	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4108	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4109	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4110	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4111	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4112	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4113	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4114	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4115	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4116	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4117	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4118	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4119	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4120	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4121	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4122	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4123	Execution of motion command did not complete within a certain time period. (***: command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4124	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4125	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4126	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4127	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4128	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4129	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4130	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4131	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4132	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4133	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4134	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4135	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4136	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4137	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4138	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4139	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4140	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4141	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4142	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4143	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4144	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4145	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4146	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4147	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4148	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4149	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4150	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4151	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4152	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4153	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4154	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4155	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4156	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4157	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4158	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4159	Execution of motion command did not complete within a certain time period. (***) command code No.)	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4501	The received alarm code is invalid.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4600	The axis number assigned as external mecha brake is already used.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6036	The value set for A1P36 exceeds the permissible value.	Setting error	The value set for A1P36 exceeds the permissible value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6092	The value set for A1P92 exceeds the permissible value.	Setting error	The value set for A1P92 exceeds the permissible value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7201	Interpolation cycle is shorter than the set value.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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			7202	Interpolation cycle is shorter than the set value.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7203	Interpolation cycle is shorter than the set value.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7204	Interpolation cycle is shorter than the set value.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7205	Interpolation cycle is shorter than the set value.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7206	Interpolation cycle is shorter than the set value.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7207	Interpolation cycle is shorter than the set value.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7208	Interpolation cycle is shorter than the set value.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7209	Interpolation cycle is shorter than the set value.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7301	The speed ratio is invalid.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7302	The speed ratio is invalid.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7303	The speed ratio is invalid.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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			7304	The speed ratio is invalid.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7305	The speed ratio is invalid.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7306	The speed ratio is invalid.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7307	The speed ratio is invalid.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7308	The speed ratio is invalid.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7309	The speed ratio is invalid.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7500	Direct-in number setting error (NSRCH)	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Three or more direct-in numbers are set for NSRCH instruction. Check the direct-in number setting.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7600	The setting value for touch pressure is not appropriate.	Setting error	The value set for Touch press (proportion to the 1st pressure) in the gun detail setting file is over 100%. Change the setting value to less than 100%.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9006	A certain time passed when WDT error is detected.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9007	A certain time passed when WDT error is detected.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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			9010	The size of variable-define data is mismatched.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9011	The size of variable-define data is mismatched.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9012	The size of variable-define data is mismatched.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9020	PV initializing sequence timeout was detected.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9021	Common-parameter writing timeout was detected.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9022	JL086-parameter writing timeout for each axis was detected.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9023	Parameter writing timeout for each axis was detected.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9024	Parameter writing timeout for each axis was detected.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9025	Encoder-parameter writing timeout for each axis was detected.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9030	Command execution of address setting failed.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9031	Encoder-setting error was detected.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9032	Encoder-setting error was detected.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9033	Encoder-setting error was detected.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9034	Initial-position designation error occurred when PG power supply was turned ON.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9035	The number of brake-release axis is not appropriate.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9036	Encoder-setting error was detected.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9037	Encoder-setting error was detected.	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9040	Some errors occurred at the interface between SDCA01 and ASF01.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9050	Communication WDG. from the other CPU is not appropriate (core 0).	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9051	Communication WDG. from the other CPU is not appropriate (core 1).	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9052	REQ. flag from the other CPU is not appropriate (core 1).	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9100	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9101	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9102	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9103	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9104	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9105	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9106	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9107	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9108	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9109	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9110	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9111	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9112	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9113	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9114	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9115	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9116	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9117	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9118	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9119	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9120	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9124	The combination of the software version and the SDCA01 board revision is incorrect.	Setting error	Please try the software update. In order to know the correct software version, check the SDCA01 board revision, and then contact your Yaskawa representative.
			9130	PCI-interface information error occurred.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1109	SYSTEM ERROR(CONVEYOR)				Software operation error occurred Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1200	HIGH TEMPERATURE(IN CNTL BOX)	Temperature sensor inside the controller (the CPS01 unit) is activated, and then error was detected.			The temperature rises in the controller YPS21 unit failure Other	If the LED (OHT) on the CPS01 unit lights up, wait until the inside of the controller has got cool and then turn the power OFF then back ON. (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following unit. -YPS21 unit If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1204	COMMUNICATION ERROR(I/O MODULE)	Communication error occurred in the I/O module.		The communication error slot (Serial-bus-connected I/O module communication station No.) is displayed by the bit. 0: correct / 1: incorrect	Connection failure IO module failure	Check the insertion and connection of the followings. -The M? communications cable which I/O module of the corresponding sub code -(In case of M? communications last station) Terminator -24V power of the corresponding I/O module Replace the I/O module of the corresponding station number.
1219	ENABLE SW STICKING	Sticking of enable sw was detected.			Power supply broken AIF01 board broken Other Programming pendant failure Other	Replace the 24V power supply supplied to the I/O module of the corresponding station number. Save the CMOS.BIN file. Replace the AIF01 board, and then load the saved CMOS.BIN file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the programming pendant. If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1220	LAN COMMUNICATION PARAMETER ERROR	An error occurred in parameter which is used in the Ethernet function.	1	Incorrect setting of the IP address which is used in the Ethernet function.(LAN interface 2)	Setting error	Check the following settings. ·IP address setting of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Incorrect setting of the subnet mask which is used in the Ethernet function.(LAN interface 2)	Setting error	Check the following settings. ·Subnet mask of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Incorrect setting of the default gateway which is used in the Ethernet function.	Setting error	Check the following settings. ·Default gateway of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Incorrect setting of the host address which is used in the Ethernet function.	Setting error	Check the following settings. ·Server (host) of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Check the following settings. ·Static route of LAN interface in maintenance mode
			5	Incorrect setting of the static route which is used in the Ethernet function.(LAN interface 2 route 1)	Setting error	Check the following settings. ·SNTP setting of LAN interface in maintenance mode
					Setting error	Check the following settings. ·SNTP setting of LAN interface in maintenance mode
			30	Incorrect setting of the parameter which is used for the SNTP of the Ethernet function.	Setting error	Check the following settings. ·SNTP setting of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			31	Incorrect setting of the IP address of the SNMP server which is used in the Ethernet function of the SNMP.	Setting error	Check the following settings. ·SNTP setting of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	Incorrect setting of the IP address of the SNMP server which is used in the Ethernet function of the SNMP.	Setting error	Check the following settings. ·SNTP setting of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	Incorrect setting of the DHCP parameter which is used in the Ethernet function of the SNMP.	Setting error	Check the following settings. ·SNTP setting of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			70	Incorrect setting of the host name which is used in the Ethernet function.	Setting error	Check the following settings. ·Host name of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			71	Incorrect setting of the IP address of the DNS server which is used in the Ethernet function of the DNS.	Setting error	Check the following settings. ·DNS setting of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			73	Incorrect setting of the parameter which is used in the Ethernet function of the DNS and the domain.	Setting error	Check the following settings. ·DNS setting of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			74	Incorrect setting of the DHCP parameter which is used in the Ethernet function of the DNS and the domain.	Setting error	Check the following settings. ·DNS setting of LAN interface in maintenance mode
			75	Incorrect setting of the domain which is used in the Ethernet function.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	Incorrect setting of the static route which is used in the Ethernet function.(LAN interface 2 route 2)	Setting error	Check the following settings. ·Static route of LAN interface in maintenance mode
			1001	Check the following settings. ·IP address setting of LAN interface in maintenance mode	Setting error	Check the following settings. ·IP address setting of LAN interface in maintenance mode
			1002	Incorrect setting of the subnet mask which is used in the Ethernet function.(LAN interface 3)	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1005	Incorrect setting of the static route which is used in the Ethernet function.(LAN interface 3 route 1)	Setting error	Check the following settings. ·Static route of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1105	Incorrect setting of the static route which is used in the Ethernet function.(LAN interface 3 route 2)	Setting error	Check the following settings. ·Static route of LAN interface in maintenance mode
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1221	ETHERNET INITIAL PROCESS ERROR	An error occurred in the initialization of the Ethernet function.	1	An error occurred in the device initialization process of the Ethernet function.(LAN interface 2)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An error occurred in the IP address setting process of the Ethernet function.	Setting error	Check the following settings. ·IP address setting of LAN interface in maintenance mode"
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An error occurred in the subnet mask setting process of the Ethernet function.	Setting error	Check the following settings. ·Subnet mask of LAN interface in maintenance mode
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	An error occurred in the default gateway setting process of the Ethernet function.	Setting error	Check the following settings. ·Default gateway of LAN interface in maintenance mode
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	An error occurred in the host name setting process of the Ethernet function.	Setting error	Check the following settings. ·Server (host) of LAN interface in maintenance mode
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	An error occurred in the MAC address getting process of the Ethernet function.(LAN interface 2)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	An error occurred in the stop process of the Gratuitous ARP.(LAN interface 2)	Setting error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	IP address duplication was detected.	Setting error	Check the following settings. ·IP address setting of LAN interface in maintenance mode ·IP addresses of other devices in the network.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	IP address duplication was detected.	Setting error	Check the following settings. ·IP address setting of LAN interface in maintenance mode ·IP addresses of other devices in the network.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	The Ethernet function is enabled in the LAN interface 2 is invalid state.	Setting error	Check the following settings. ·LAN interface in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			20	An error occurred in the Web server task creating process of the Ethernet function.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	An error occurred in the FTP server task creating process of the Ethernet function.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	An error occurred in the FTP client task creating process of the Ethernet function.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			29	An error occurred in the network task generation process.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			30	An error occurred in the semaphore generation process for access exclusion of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	An error occurred in the Web server task management ID getting process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	An error occurred in the FTP server task management ID getting process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			59	An error occurred in the DHCP acquisition item setting process of the Ethernet function.(LAN interface 2)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			60	An error occurred in the DHCP initialization process of the Ethernet function.(LAN interface 2)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			61	An error occurred in the DHCP interface of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			62	The data acquisition process from the server did not complete within regulated time.	Setting error	Check the following settings. ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			63	The data acquired from the server were found illegal in the DHCP of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			64	An error occurred in the subnet mask acquisition process in the DHCP of the Ethernet function. (LAN interface 2)	Setting error	Check the following settings. ·The DHCP server operation ·The network status
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			65	An error occurred in the DNS server address acquisition process in the DHCP of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation ·The network status
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			66	An error occurred in the Ethernet function DNS domain getting process in the DHCP of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation ·The network status
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			67	An error occurred in the SNTP server address acquisition process in the DHCP of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			68	An error occurred in the IP address acquisition process in the DHCP of the Ethernet function.(LAN interface 2)	Setting error	Check the following settings. ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			69	An error occurred in the DHCP interface structure object mapping process of the Ethernet function.(LAN interface 2)	Setting error	Check the following settings. ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			70	An error occurred in the DNS resolver initialization process of the Ethernet function.	Setting error	Check the following settings. ·The domain name ·The DNS related settings ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			71	An error occurred in the DNS resolver setting of the Ethernet function.	Setting error	Check the following settings. ·The domain name ·The DNS related settings ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			72	The parameter setting error occurred in the DNS resolver setting of the Ethernet function.	Setting error	Check the following settings. ·The domain name ·The DNS related settings ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			73	The mode error occurred in the DNS resolver setting of the Ethernet function.	Setting error	Check the following settings. ·The domain name ·The DNS related settings ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			80	An error occurred in the basic library initialization process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
			81	An error occurred in the initialization process other than basic library of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
			100	An error occurred in the IP address acquisition process in the DHCP of the Ethernet function.(LAN interface 2)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
			240	An error occurred in the start process of the Ethernet function Teinet (for onboard).	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
			241	An error occurred in the start process of the Ethernet function Teinet (for expand).	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1001	An error occurred in the device initialization process of the Ethernet function.(LAN interface 3)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1006	An error occurred in the MAC address getting process of the Ethernet function.(LAN interface 3)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010	An error occurred in the stop process of the Gratuitous ARP.(LAN interface 3)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1014	An error occurred in the initializing process of the IP address duplication check setting.(LAN interface 3)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1016	Failed in IP address and subnet mask setting.(LAN interface 3)	Software operation error occurred	Check the following settings. -IP address and subnet mask settings of LAN interface in maintenance mode
					ACP01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1059	An error occurred in the DHCP acquisition item setting process of the Ethernet function.(LAN interface 3)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1060	An error occurred in the DHCP initialization process of the Ethernet function.(LAN interface 3)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1064	An error occurred in the subnet mask acquisition process in the DHCP of the Ethernet function.(LAN interface 3)	Software operation error occurred	Check the following settings. ·The DHCP server operation ·The network status
			1068	An error occurred in the IP address acquisition process in the DHCP of the Ethernet function.(LAN interface 3)	ACP01 board failure Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·The DHCP server operation ·The network status
			1069	An error occurred in the DHCP interface structure object mapping process of the Ethernet function.(LAN interface 3)	ACP01 board failure Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·The DHCP server operation ·The network status
			1100	An error occurred in the IP address acquisition process in the DHCP of the Ethernet function.(LAN interface 3)	ACP01 board failure Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1222	IP ADDRESS SET FAIL(DHCP)	The IP address acquired in the DHCP of the Ethernet function is not enabled.		IP address could not be obtained at DHCP.	Setting error	Check the following settings. ·The DHCP server operation ·The network status
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1227	ENABLE SW DIAGNOSIS ERROR	In the programming pendant, signal judgment and safety diagnosis of two Enable Switches are carried out. An error occurred during enable switch operation or safety diagnosis.			Programing pendant failure	(1) Turn on the main power supply again with the enable switch released. (2) If the alarm occurs again, replace the programming pendant.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1240	SAFETY FIELD BUS SETTING ERROR	An error occurred in parameter which is used in the Safety Fieldbus function.	1	Machine Safety doesn't correctly read the value of the processing start wait time.	Data error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the following parameter file in online mode. Initialize the following parameter file in maintenance mode, and then load the parameter file saved in the external memory device. ·SD.PRM
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01.
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1241	SAFETY FIELD BUS SYSTEM ERROR	An error occurred in the Safety Fieldbus function.	1	The error was detected by the PROFIsafe stack.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The error was detected by the CIP Safety stack (CH1). Subcode shows the error part of software.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	The error was detected by the CIP Safety stack (CH2). Subcode shows the error part of software.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			10	Processing of safety field bus was not completed to the default time.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			11	The error was detected with the status check of safety field bus communication.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			12	Invalid processing was detected by the safety field bus.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			13	Invalid processing was detected by the safety field bus.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			15	Virtual communication mode was switched to virtual from safety during the communication of safety field bus.	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set the following item in maintenance mode. ·In the case of PROFIsafe, please set the virtual communication to "safety" in the CP16 board setting screen. ·In the case of EtherNet/IP Safety, please set the virtual communication to "safety" in the EtherNet/IP (CPU board) setting screen. ·In the case of DeviceNet Safety, please set the virtual communication to "safety" in the DN4 board setting screen.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			100	The error was detected with the communication status check processing of safety field bus (PROFIsafe).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	The error was detected with the communication status check processing of safety field bus (PROFIsafe).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	Invalid processing status was detected by the safety field bus (PROFIsafe).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	The error was detected with the initializing processing of safety field bus (PROFIsafe).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	Invalid processing status was detected by the safety field bus (PROFIsafe).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	The error was detected with the F_Dest_Add acquisition processing of safety field bus (PROFIsafe).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			106	The error was detected with the F-Parameter check processing of safety field bus (PROFIsafe).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			107	The error was detected with the Config processing of safety field bus (PROFIsafe).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			108	The error was detected with the cyclic execution processing of safety field bus (PROFIsafe).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			109	The error was detected with the Output data reception processing of safety field bus (PROFIsafe).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			110	The error was detected with the Output data acquisition processing of safety field bus (PROFIsafe).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			111	The error was detected with the input data setting processing of safety field bus (PROFIsafe).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			112	The error was detected with the input data transmission processing of safety field bus (PROFIsafe).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			113	The error was detected with the cyclic stop processing of safety field bus (PROFIsafe).	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1300	SERVO CPU SYNCHRONIZING ERROR	The YRC1000 system performs serial communications between the ACP01 board and SDCA01 board, checking the synchronization of the servo regular process and the communication process. This alarm occurs if any synchronization error is detected.			Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN515 ·AIF01-CN113

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1301	COMMUNICATION ERROR(SERVO)	This alarm occurs if there is a communication error between AIF01 board and the SDCA01 board.	0	Communication status error	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN515 ·AIF01-CN113
					CPS01KA unit failure	(1)Turn the power OFF then back ON. (2) If the alarm occurs again, check the LED of the CPS01KA unit: If any of the following red LED indications: +12V, +24V, FAN or OHT has lighten up, replace the CPS01KA unit.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	Watchdog timer error	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN515 ·AIF01-CN113
					CPS01KA unit failure	(1)Turn the power OFF then back ON. (2) If the alarm occurs again, check the LED of the CPS01KA unit: If any of the following red LED indications: +12V, +24V, FAN or OHT has lighten up, replace the CPS01KA unit.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Communication status error	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN515 ·AIF01-CN113
					CPS01KA unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the LED of the CPS01KA unit: If any of the following red LED indications: +12V, +24V, FAN or OHT has lightened up, replace the CPS01KA unit.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Data consistency error	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN515 ·AIF01-CN113
					CPS01KA unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the LED of the CPS01KA unit: If any of the following red LED indications: +12V, +24V, FAN or OHT has lightened up, replace the CPS01KA unit.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replacing the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1303	ARITHMETIC ERROR(SERVO)	An error occurred in control arithmetic process or parameter arithmetic process in SDCA01 board. This alarm occurs if a control-related parameter calculated from the input parameter (tool file) is not within the specified range.		The data [X_____] indicates the generation process. 10000: Observer control 20000: High-precision path control 30000: Dynamics 40000: Disturbance observer control The data [_YY_] indicates the alarm contents. The data [____Z] indicates the physical axis number.	Tool file setting error	Check the tool file setting. (Check the units of mass and center of gravity, positive/negative signs.)
					Motor load error	Check the followings. Overload is applied to the manipulator. Correct the tools, the work pieces, and the drive condition.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1306	AMPLIFIER TYPE MISMATCH	When the controller power turned ON, the YRC1000 system checks the current capacity of the SERVOPACK amplifier in the servo control circuit board. This alarm occurs if there is a difference in the capacity between the set value and the mounted amplifier.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the following settings. ·Check the current capacity of the amplifier before/after replacement by the model described in board. ·When the external axis is mounted, check if there is no difference between the amplifier selected at configuration and the amplifier that is actually mounted. Reference parameter: after SVPxG290
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN501 ·SDCA01-CN531, CN532, CN533 ·Inverter board-CN571 ·SDB (External axis servo pack)-CN591 ·SGDM (Large Capacity)-CN1
					Module failure (amplifier)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the amplifier.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1307	ENCODER TYPE MISMATCH	When the controller power turned ON, the YRC1000 system checks the encoder type of the manipulator. This alarm occurs if there is a difference between the set value and the mounted encoder.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the following settings. ·Check the motor type before and after the replacement. ·When the external axis is mounted, check if there is no difference between the motor selected at configuration and the motor that is actually mounted.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN508 ·SDCA01-CN534, CN535, CN536
					Module failure (encoder)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1308	CONVERTER TYPE MISMATCH	When the controller power turned ON, the YRC1000 system checks the converter type. This alarm occurs if there is a difference between the set value and the mounted converter type.		Sub Code: Signifies the converter in which the alarm occurred	Setting error	Check the following settings. ·Check the current capacity of the amplifier before/after replacement by the model described in board. ·When the external axis is mounted, check if there is no difference between the converter selected at configuration and the converter that is actually mounted. Reference parameter: after SVCxB060
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·GPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1309	HARDWARE ERROR(CONVERTE R)	Converter hardware is incorrect.			Software operation error occurred Module failure (converter) Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1310	CHARGE ERROR(CONVERTE R)	Converter charge error			Module failure (converter) Primary power failure Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter. Check if the primary power supply voltage does not drop with a tester, etc. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1311	A/D DETECTION ERROR(CONVERTE R)	Converter A/D detection is incorrect.			Module failure (converter) Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1312	ID ERROR(CONVERTE R)	Converter ID is incorrect. The YRC1000 system checks internal state of converter in the converter board. This alarm occurs if any malfunction is found.		Sub Code: Signifies the converter in which the alarm occurred	Module failure (converter) Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1320	SERIAL ENCODER SENSOR ERROR	An error occurred in the encoder.			Module failure (encoder) Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1321	SERVO BOARD ERROR(BRAKE SIGNAL)	Brake signal is incorrect.			Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CNBX ·ASF01-CNBX, CN207(AXDIN,AXIN) (3)Check the connection of wiring around the brake circuit board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1325	COMMUNICATION ERROR(ENCODER)	The YRC1000 system performs serial communications between controller and encoder. This alarm occurs if the system fails to establish the communications.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] - Cable between encoders - SDCA01-CN508 [External axis] - Cable between encoders - SDCA01-CN534, CN535, CN536 [Using external force monitoring board ASF04] - ASF04 board-CN231,CN232,CN235,CN236,CN237,CN238 - CPS01KA Unit-CN156 (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the encoder. (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe. If ASF04 board is used, need to confirm the following. (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Module failure (encoder)	
					SDCA01 board failure	
					ASF04 board failure	
					Other	

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1326	DEFECTIVE ENCODER ABSOLUTE DATA	When the controller power turned ON, the YRC1000 system checks the encoder data. This alarm occurs if there is an error in the encoder data .		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] ·Cable between encoders ·SDCA01-CN508 [External axis] ·Cable between encoders ·SDCA01-CN534, CN535, CN536
					Module failure (encoder)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board and the EAXB board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1327	ENCODER OVER SPEED	When the controller power turned ON, the YRC1000 system checks the encoder data. This alarm occurs if any axis moves (i.e. falls by its own weight), or an encoder rotation speed of 400 rpm or more is detected during the power-ON process.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1)Turn the power OFF then back ON. (2) Before turning the servo power OFF, change the manipulator posture so that any axes won't drop when the servo power is turned ON. (3) If the alarm occurs again in combination with encoder backup error, replace the battery of the appropriate axis. (4) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] ·Cable between encoders ·SDCA01-CN508 [External axis] ·Cable between encoders ·SDCA01-CN534, CN535, CN536
					Encoder failure	Replace the defective motor (encoder).
					SDCA01 board failure	Check whether to find error in the brake slip and the brake control relay.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1328	DEFECTIVE ENCODER	The YRC1000 system performs serial communications between controller and encoder. This alarm occurs if there is an error in the internal data of the encoder.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] · Cable between encoders · SDCA01-CN508 [External axis] · Cable between encoders · SDCA01-CN534, CN535, CN536
					Module failure (encoder)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1329	DEFECTIVE ENCODER COMMAND	The YRC1000 system performs serial communications between controller and encoder. This alarm occurs if the operation in response to the encoder command is a malfunction.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] · Cable between encoders · SDCA01-CN508 [External axis] · Cable between encoders · SDCA01-CN534, CN535, CN536
					Module failure (encoder)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1332	POSITION ERROR	The number of pulses generated by one motor rotation does not agree with the specified value.			SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe. · Check the position after the alarm.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] · Cable between encoders · SDCA01-CN508 [External axis] · Cable between encoders · SDCA01-CN534, CN535, CN536
					Noise interference	Check the following settings. · Check the grounding condition of Manipulator. · Install a ferrite core to the motor power line.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1333	POSITION ERROR(SERIAL ENCODER)	The number of pulses generated by one motor rotation does not agree with the specified value.			SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] · Cable between encoders · SDCA01-CN508 [External axis] · Cable between encoders · SDCA01-CN534, CN535, CN536
					Noise interference	Check the following settings. · Check the grounding condition of Manipulator. · Install a ferrite core to the motor power line.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1335	ENCODER NOT RESET	This alarm occurs when reset operation to recover from the encoder backup error did not complete.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Replace the battery.
					Module failure (encoder)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1339	OVER SPEED LIMIT	The speed is exceeding the limit.			Setting error	Check the JOB.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1341	SERVO OVERRUN ERROR	Overrun signal occurred.			Motion range error	Check if the overrun limit switch is activated by the manipulator.
					Connection failure	Check the overrun line.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1343	COMMUNICATION ERROR(CONVERTER)	The YRC1000 system performs serial communications between the SDCA01 board and the converter. This alarm occurs if there is an error in the serial communications.	101	Communication status error (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·GPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	Command timeout (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	Transmission buffer FULL (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			104	CRC-16 failure (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	Error code received (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			106	Receive command error (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			201	Communication status error (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			202	Command timeout (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			203	Transmission buffer FULL (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			204	CRC-16 failure (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			205	Error code received (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			206	Receive command error (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			301	Communication status error (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			302	Command timeout (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			303	Transmission buffer FULL (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			304	CRC-16 failure (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				Error code received (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			306	Receive command error (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			401	Communication status error (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			402	Command timeout (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			403	Transmission buffer FULL (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			404	CRC-16 failure (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			405	Error code received (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			406	Receive command error (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code (The first digit shows the converter No.)	Cause	Remedy
			501	Communication status error (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			502	Command timeout (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			503	Transmission buffer FULL (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			504	CRC-16 failure (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			505	Error code received (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			506	Receive command error (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			601	Communication status error (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			602	Command timeout (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			603	Transmission buffer FULL (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			604	CRC-16 failure (The first digit shows the converter No.)	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			605	Error code received (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			606	Receive command error (The first digit shows the converter No.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1349	POWER LOST DETECTION(SDCA01 board)	POWER LOST signal was detected.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check if the primary power supply voltage is dropping.
1352	ENCODER CORRECTION ERROR	The YRC1000 system controls the manipulator based on the position data from encoder. If a communication error occurs in a control cycle, the system controls the manipulator in accordance with the previous position data checking the compensation data. This alarm occurs if the compensation data is not within the specified value.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] · Cable between encoders · SDCA01-CN508 [External axis] · Cable between encoders · SDCA01-CN534, CN535, CN536
					Module failure (encoder)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1355	ENCODER MULTITURN LIMIT ERR	When the controller power turned ON, the YRC1000 system checks the encoder multi-turn quantity. This alarm occurs if the multi-turn quantity data is not within the normal range.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] ·Cable between encoders ·SDCA01-CN508 [External axis] ·Cable between encoders ·SDCA01-CN534, CN535, CN536
					Module failure (encoder)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1356	SPECIFIED AXIS ERROR	A task request was sent to an axis of the group that was disabled by the group separation function.			Setting error	(1)Check the job setting. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1357	PRESS ERROR	The position or speed value exceeded the limit value during pressuring after gun tip hit the welded target. The motion after gun tip hits the welded target is incorrect.			Setting error	(1)Check the job setting. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1365	GROUND FAULT	This alarm occurs if there is a ground fault in any motor power line connected to converter. The axis cannot be specified because of detection with the converter, but the axis can be specified if "4337 over current (amplifier)" has been occurred at the same time or it remains in the history.		Sub Code: Signifies the axis in which the alarm occurred. (If the alarm occurred at an axis which is driven by a common converter all the subject axes are indicated.)	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and inserting state of the following cables and connectors. · Inverter board-CN573-579 · SDB (External axis SERVO PACK)-CN594
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following cables. Check the axis in which earth fault occurs in the alarm history screen. If both robot axes and external axes use the same type converter, the earth fault may occur on the external axis not the robot axis. (There is also a possibility that it is stained by water) (1) External axis cables (Power wire) (2) Traveling axis cable (Power wire) (3) Power supply cable (Robot axis, external axis) (Power wire) (4) Internal cables (Robot axis, external axis) (Power wire) Check if there is no ground fault in the regeneration resistors.
					Module failure (Regenerative resistor)	
					GND wiring failure	(1) Turn the power OFF then back ON. (2) If the alarm repeats, check the voltage of the primary power and GND. If the voltage amount on each RST varies more than 100V, review the GND setting.
					Module failure (motor)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the motor.
					Module failure (amplifier)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the Inverter board.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					APU01 unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the YPU unit to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1367	OVERVOLTAGE(CONVERTER)	The DC voltage supplied from the converter to the SERVO PACK exceeded stipulated voltage (420V). This alarm occurs if the regenerative energy during the motor deceleration is too much that it cannot be processed in the regenerative circuit of SERVO PACK.		Sub Code: Signifies the physical No. of converter in which the alarm occurred	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis SERVO PACK)-CN591,592
					Setting error	Check the load mounted on the manipulator.
					Voltage failure	Modify the primary breaker voltage to the specified voltage 200V(+10% to 15%).
					Module failure (Regenerative resistor)	(1) Disconnect the converter-CN552 to check if there is no cable disconnection. (2) If disconnected, replace the regenerative resistor.
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1368	REGENERATIVE TROUBLE(CONVERTER)	This alarm occurs if the converter regenerative resistor cable is disconnected or short-circuited. The regenerative energy at motor deceleration exceeded the allowable limit. The regenerative energy at motor deceleration is too large. The primary power supply voltage is too high (above 242V)		Sub Code: Signifies the axis in which the alarm occurred	Other Connection failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis SERVO PACK)-CN591,592
					Module failure (Regenerative resistor)	Replace the regenerative resistor.
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Overloading	Check that the load does not exceed the allowable limit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1369	INPUT POWER OVER VOLTAGE(CONV)	This alarm occurs if the input voltage monitored by the YRC1000 exceeds 420 V.		Sub Code: Signifies the physical No. of converter in which the alarm occurred	Voltage failure	Modify the primary breaker voltage to the specified voltage 200V(+10% to 15%).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN507, CN531, CN532, CN533 ·CPS01-CN154 ·Converter-CN557, CN561 ·SDB (External axis SERVO PACK)-CN591,592
					Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1370	MICRO PROGRAM ERROR (SV)	Micro program error occurred.			SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1371	SERVO PROGRAM SYNC. ERROR (SV)	Micro program error occurred.			SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1372	PARAMETER ERROR (CONVERTER)	Parameter error occurred in converter.		Sub Code: Signifies the axis in which the alarm occurred.	Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1373	OVERCURRENT (CONVERTER)	Overcurrent is detected in converter.		Sub Code: Signifies the axis in which the alarm occurred.	Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1374	ENCODER MIXED ALLOCATION ERROR	Encoder-axis allocation is mismatched.		Sub Code: Signifies the axis in which the alarm occurred.	SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Setting error	Check the parameter setting value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1375	ENCODER ALLOCATION RANGE ERROR	Encoder-axis allocation is mismatched.			SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Setting error	Check the parameter setting value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1376	ENCODER SET AXES NUMBER OVER	Encoder-axis allocation is mismatched.			SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Setting error	Check the parameter setting value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1377	ENCODER CABLE DISCONNECTION (SV)	Encoder-axis allocation is mismatched.		Sub Code: Signifies the axis in which the alarm occurred.	Connection failure	(1) Turn the power OFF then back ON. (2) The multi-drop encoders are addressed in order of near side by the SDCA01 board, and only 1 axis which is not able to address is alarmed. And the encoders are addressed successfully before the alarm axis. Therefore, check the connection and insertion of the cable and connector before the alarm axis, or the encoder of the alarm axis. (3) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] - Cable between encoders - SDCA01-CN508 [External axis] - Cable between encoders - SDCA01-CN534, CN535, CN536 [Using external force monitoring board ASF04] - ASF04 board-CN235,CN236,CN237,CN238
					Module failure (encoder)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1378	MICRO PROGRAM INIT. SEQ. ERR(SV)	Micro program error occurred.			SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1379	CHOPPER OVERCURRENT(CO NVERTER)	Chopper overcurrent is detected in converter.		Sub Code: Signifies the axis in which the alarm occurred.	Module failure (converter)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the converter.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1380	ENCODERADDRESS VERIFY ERROR	Encoder-address verify error is detected.		Sub Code: Signifies the axis in which the alarm occurred.	Setting error	Check the parameter setting value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1381	INPUT PRIMARY POWER SUPPLY MISMATCH	The voltage of the primary power supply (200V or 400V) differs from the converter specification.		Sub Code: Signifies the axis in which the alarm occurred.	Voltage failure	Check the primary breaker voltage to the specified voltage
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					Connection failure	Check the power supply cable of the cooling fan in the CPS01KA unit.
					CPS01KA unit failure	Replace the CPS01KA unit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1382	Safety Signal Timing Error(SV)	The STO is abnormal.	1	STO 1 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	STO 2 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	STO 3 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	STO 4 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1383	Gate Drive Error1(SV)	The STO is abnormal.	1	STO 1 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	STO 2 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	STO 3 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	STO 4 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1384	Gate Drive Error2(SV)	The STO is abnormal.	1	STO 1 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	STO 2 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	STO 3 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	STO 4 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1385	Gate Drive Error3(SV)	The STO is abnormal.	1	STO 1 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	STO 2 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	STO 3 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	STO 4 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1386	STO Sequence monitor Error(SV)	The STO is abnormal.	1	STO 1 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	STO 2 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	STO 3 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	STO 4 is abnormal.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1400	ENCODER ERROR(CONVEYOR)	The encoder is abnormal.	1	Conveyor encoder 1 is abnormal.	Connection failure, Module failure (encoder)	Replace the cable of the conveyor encoder 1 or encoder.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Conveyor encoder 2 is abnormal.	Connection failure, Module failure (encoder)	Replace the cable of the conveyor encoder 2 or encoder.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Conveyor encoder 3 is abnormal.	Connection failure, Module failure (encoder) Other	Replace the cable of the conveyor encoder 3 or encoder. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1401	CANNOT CHANGE CONVEYOR MODE	The encoder mode "Encoder / Virtual encoder" was switched by the general input while performing conveyor synchronized function.			Input error	Do not switch "Encoder / Virtual encoder" with the general signal while performing the conveyor synchronized function.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1402	WORK IN/NOT DATA CNT. LMT. OVER	An arithmetic error occurred for the current position pulse of Work IN/ NOT Shift Data.			Work status error	Check the work in/not shift data and actual the work status within the shift area.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1403	WORK IN/NOT SHIFT DATA POS LMT.	An arithmetic error occurred for the current travel length of Work IN/ NOT Shift Data.			Work status error	Check the work in/not shift data and actual the work status within the shift area.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1404	WORK ID. DATA CNT. LMT. OVER	An arithmetic error occurred for the current position pulse of Work ID Shift Data.			Work status error	Check the work in/not shift data and actual the work status within the shift area.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1405	WORK ID. SHIFT DATA POS LMT.	An arithmetic error occurred for the current travel length of Work ID Shift Data.			Work status error	Check the work in/not shift data and actual the work status within the shift area.
1406	START SHIFT DATA CNT. LMT. OVER	An arithmetic error occurred for the current position pulse of Start Shift Data.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1407	START SHIFT DATA POS LMT.	An arithmetic error occurred for the current travel length of Start Shift Data.			Work status error	Check the start shift data and actual the work status within the shift area.
1437	PORT OPEN ERROR	Failed to open the communication port.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1512	POWER SUPPLY FAN ERROR(SERVO)	The rotation speed of in-panel cooling fan decreased.			Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Connection failure	Check the power supply cable of the cooling fan in the CPS power unit.
					CPS01KA unit failure	Check the cooling fan in the CPS01KA unit is working. Replace the CPS01KA unit.
					Install failure	Check that the air inlet or outlet is not blocked.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1513	POWER SUPPLY OVERHEAT(SERVO)	Temperature sensor in the CPS01KA unit is activated. The internal temperature of the controller is abnormally increased.			The temperature rises in the controller	Turn the power OFF then back ON after cooling the controller.
					Connection failure	Check the power supply cable of the cooling fan in the CPS01KA unit.
					CPS01KA unit failure	Replace the CPS01KA unit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1514	OVERHEAT(AMPLIFIER)	Amplifier overheated.			The temperature rises in the amplifier	Turn the power OFF then back ON after cooling the amplifier.
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN501 ·SDCA01-CN531, CN532, CN533 ·Inverter board-CN571 ·SDB (External axis servo pack)-CN591,592
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1547	CURRENT FEEDBACK ERROR	This alarm occurs if an excessive current is applied for motor.		The data [XXX_] indicates the alarm contents. 200: The motor current value is abnormal. The data [_____] indicates the physical axis number.	Ground fault	Check if a ground fault has not occurred in the U-, V-, and W-phase of motor power line, or short circuit has not occurred between these phases.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN501, CN531, CN532, CN533 ·Inverter board-CN571, CN573-579 ·CPS01 unit-CN157 ·SDB(External axis servo pack)-CN591,594 ·Motor power line
					Setting error	(1) Check the load mounted on the manipulator. (2) Check the JOB. (3) Turn the power OFF then back ON.
					Module failure (amplifier)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the amplifier.
					Module failure (motor)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1554	OVERCURRENT(SER VO2)	Overcurrent was detected.			Ground fault	Check if a ground fault has not occurred in the U-, V-, and W-phase of motor power line, or short circuit has not occurred between these phases. Turn the power OFF then back ON after cooling the controller.
					The temperature rises in the controller	
					Setting error	Check the settings for manipulator motion condition (influence by external force, load condition).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (motor)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the motor.
					Module failure (SERVOPACK)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SERVOPACK.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1560	SYSTEM ERROR(SERVO2)	The internal program error occurred in the SERVOPACK.			Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN534, CN535, CN536 ·SGDM (Large Capacity)-CN1
					Module failure (SERVOPACK)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SERVOPACK.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1610	F-SAFE CPU SYNCHRO ERROR	The CPU timer and the communication interruption timing are checked by the function safety board when performing the serial communication between ACP01 (main CPU board) and ASF01 board. This alarm occurs if the timing becomes off.			Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01 Board -CN515 ·AIF01 Board-CN113 ·SDCA01 Board And ASF01 - CNBX
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1612	F-SAFE COMMUNICATION ERROR	The CPU timer and the communication interruption timing are checked by the function safety board when performing the serial communication between ACP01 (main CPU board) and ASF01 board. This alarm occurs if the timing becomes off.	0	Communication status error	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. -SDCA01 Board -CN515 -AIF01 Board-CN113 -SDCA01 Board And ASF01 - CNBX
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	Watchdog timer error	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. -SDCA01 Board -CN515 -AIF01 Board-CN113 -SDCA01 Board And ASF01 - CNBX
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	JL0101 alarm	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01 Board -CN515 ·AIF01 Board-CN113 ·SDCA01 Board And ASF01 - CNBX
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Communication status error	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01 Board -CN515 ·AIF01 Board-CN113 ·SDCA01 Board And ASF01 - CNBX
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	Data consistency error	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. -SDCA01 Board -CN515 -AIF01 Board-CN113 -SDCA01 Board And ASF01 - CNBX
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	CRC error	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. -SDCA01 Board -CN515 -AIF01 Board-CN113 -SDCA01 Board And ASF01 - CNBX
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	CRC error	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	CRC error	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1613	F-SAFE ENCODER COMM. ERR 1	Communication error occurred between the encoder and the ASF01 board.		Sub Code: Signifies the axis in which the alarm occurred	Blown fuse	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If AL 1662 "SDCA01 board failure" occurred simultaneously with this alarm, Replace the fuse(F1) in the SDCA01 board.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] · Cable between encoders · SDCA01 Board - CN508 · SDCA01 Board And ASF01 - CNBX [External axis] · Cable between encoders · SDCA01 Board - CN534, 535, 536 · SDCA01 Board And ASF01 - CNBX
					Module failure (encoder)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1614	F-SAFE ENCODER COMM. ERR 2	Communication error occurred between the encoder for all axes and the ASF01 board.			SDCA01 board (Blown fuse)	If AL1962 "SDCA01 board failure" occurred simultaneously with this alarm, Replace the fuse(F1) in the SDCA01 board.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] - Cable between encoders - SDCA01 Board - CN508 - SDCA01 Board And ASF01 - CNBX connector [External axis] - Cable between encoders - SDCA01 Board - CN534, 535, 536 - SDCA01 Board And ASF01 - CNBX connector [Using external force monitoring board ASF04] - ASF04 board-CN231,CN232,CN235,CN236,CN237,CN238 - CPS01KA unit-CN156
					Module failure (encoder)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder.
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF04 board failure	If ASF04 board is used, need to confirm the following. (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1615	F-SAFE SYSTEM ERROR	System error occurred in the ASF01 board.			Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, confirm the following connector's connection and insertion. [Robot axis] - Cable between encoders - SDCA01-CN508 [External axis] - Cable between encoders - SDCA01-CN534, CN535, CN536 [Using external force monitoring board ASF04] - ASF04 board-CN235,CN236,CN237,CN238
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF04 board failure	If ASF04 board is used, need to confirm the following. (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1616	F-SAFE SYSTEM ERROR 1	System error occurred in the ASF01 board.			ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF04 board failure	If ASF04 board is used, need to confirm the following. (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1618	F-SAFE ARITHMETIC ERROR	Arithmetic error occurred in the ASF01 board.			ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1619	F-SAFE PARAMETER ERROR	Parameter setting value error occurred in the ASF01 board.			ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1622	F-SAFE DEFECTIVE ENCODER	The ASF01 board has detected a malfunction of the encoder diagnostic data.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] · Cable between encoders · SDCA01 Board - CN508 · SDCA01 Board And ASF01 - CNBX [External axis] · Cable between encoders · SDCA01 Board - CN534, 535, 536 · SDCA01 Board And ASF01 - CNBX
					Module failure (encoder)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder.
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1623	F-SAFE ENCODER CORR. NUM OVER	The ASF01 board monitors position information sent from the encoder. If communication error occurs during a control cycle, it monitors based on the last position data. At that time, if the correction data exceeds the specified value, this alarm occurs.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] · Cable between encoders · SDCA01 Board - CN508 · SDCA01 Board And ASF01 - CNBX [External axis] · Cable between encoders · SDCA01 Board - CN534, 535, 536 · SDCA01 Board And ASF01 - CNBX

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (encoder)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the encoder.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1626	SAFETY BOARD NOT INSTALLED	This alarm is caused if the ASF01 board which has not been installed is assigned.			Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01-CNBX-ASF01 connectors.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1627	SAFETY BOARD COMM ERROR(SERVO)	The communication error occurred between the ASF01 board and the SDCA01 board.			Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the SDCA01-CNBX-ASF01 connectors.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1630	F-SAFE MUTUAL DIAG. ERR(WDT)	The ASF01 board is configured by duplicated systems to check operations each other. Either of the duplicated systems operates abnormally, watchdog check failed.			ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1631	F-SAFE MUTUAL DIAG. ERR(HW SET)	The ASF01 board is configured by duplicated systems to check operations each other. Either of the duplicated systems has detected hardware setting error of the other system			Setting error	Confirm that the rotary switch on the ASF01[#1-8] board is set to [0-7].
					ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1632	F-SAFE MUTUAL DIAG. ERR(MONITOR)	The ASF01 board is configured by duplicated systems to check operations each other. A safety monitoring error occurred in either of the duplicated systems.			ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1635	F-SAFE LOW VOLTAGE	The ASF01 board is configured by duplicated systems to check operations each other. Either of the duplicated systems has detected abnormal voltage of the other system	1	Low voltage error detected in the 1.0V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Low voltage error detected in the 1.5V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Low voltage error detected in the 1.8V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Low voltage error detected in the 3.3V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Low voltage error detected in the 5.0V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Low voltage error detected in the 24.0V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1636	F-SAFE OVER VOLTAGE	The ASF01 board is configured by duplicated operations each other. Either of the duplicated systems has detected abnormal voltage of the other system	1	Over voltage error detected in the 1.0V supply line.	Other ASF01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Over voltage error detected in the 1.5V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Over voltage error detected in the 1.8V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Over voltage error detected in the 3.3V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Over voltage error detected in the 5.0V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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			6	Over voltage error detected in the 24.0V supply line.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1637	F-SAFE RAM DIAGNOSIS ERROR	The ASF01 board has detected RAM diagnosis error.			ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1638	F-SAFE ROM DIAGNOSIS ERROR	The ASF01 board has detected ROM diagnosis error.			ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1639	F-SAFE RAM AREA CONVERSION ERR	The ASF01 board has detected processing error of mirror area used for RAM diagnosis.			ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1640	F-SAFE REAL TIME MONITOR ERROR	The ASF01 board has detected processing error of real time monitor.			ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1642	F-SAFE WATCHDOG SIGNAL ERROR	The ASF01 board has detected watchdog signal error.			ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1643	F-SAFE SAFETY SIGNAL SET ERROR	Safety signal configuration data of safety monitoring conditions file is abnormal.		<p>Sub Code: Code ?X ___ ? indicates the abnormal content. 1000: Input/output signal number in conditionfile is abnormal. 2000: Functional safety general input signal that is not available is set in condition file. 3000: Functional safety general output signal that is not available is set in condition file. 4000: Safety fieldbus input signal that is not available is set in condition file. 5000: Safety fieldbus output signal that is not available is set in condition file. 6000: File valid condition data is abnormal.</p> <p>Code ? _ Y ___ ? indicates the type of condition file abnormality occurs. 100: Axis range limit function 200: Axis speed monitor function 300: Speed limit function 400: Robot range limit function 500: Tool angle monitor function 600: Tool change monitor function</p> <p>Code ? ___ Z ? indicates the number of condition file abnormality occurs.</p>	Data error	If the alarm occurs again, check the configuration of condition file abnormality occurs.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1645	F-SAFE CRC ERROR	An error has been detected in the Communication data from YCP21 to ASF01.		Sub Code: Signifies the file kind in which the alarm occurred.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1646	F-SAFE COMM.SETTING ERROR	The rotary switch setting on the ASF01 board has an error.		Sub Code: The rotary switch number recorded in the ASF01 board is shown.	Setting error	(1)Select the following menu. -[File]-[initialize], {Safety Board FLASH Reset} in maintenance mode. (2)Turn the power OFF then back ON.
					Setting error	Confirm that the rotary switch on the ASF01[#1-8] board is set to [0-7].
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1650	FILE TRANSFER DATA ERROR (SV)	An error occurred in the file transfer sequence at execution of motion command.	1	An error occurred when the last data was not received during the first data communication at execution of motion command.	AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the error occurs again, save the CMOS.BIN, replace the AIF01 board. and then load the CMOS.BIN previously saved in maintenance mode.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the error occurs again, save the CMOS.BIN, replace the SDCA01 board.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	Turn the power OFF then back ON. If the error occurs again, save the CMOS.BIN, and then replace the ACP01 board. In this case, use the original SD card of the ACP01 board.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An error occurred when the first data was not received during on the way data communication at execution of motion command.	SDCA01 board failure	(1)Reset the alarm.(In case of major alarm, turn the power OFF then back ON.) (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An error occurred when the first data was not received during the last data communication at execution of motion command.	SDCA01 board failure	(1)Reset the alarm.(In case of major alarm, turn the power OFF then back ON.) (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1651	FILE TRANSFER DATA SIZE ERR (SV)	The data size for the file transfer was over housing size at executing a motion command.	1	The data size for the file transfer does not agree with the received buffer size.	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Buffer size over	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1652	DB ON ERROR (SERVO)	An attempt was made to turn ON the DB although the base block is released.		Sub Code: Signifies the axis in which the alarm occurred	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1653	BASE BLOCK SIGNAL ERROR(SERVO)	An attempt was made to release the base block although the DB is turned ON.		Sub Code: Signifies the axis in which the alarm occurred	SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Module failure (amplifier)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the amplifier.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1654	PG POWER ON MULTIPLE REQ (SV)	The request to turn ON the PG power supply again was sent to an axis where the PG power was already ON.			Setting error	Check if the PICK instruction was executed again for the axis where executed the PICK instruction in the gun change system.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1655	CONVERTER COMMAND ERROR (SV)	The source data size does not agree with the destination data size during converter communication control data transmission.			Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1656	AXIS ENDLESS INFO NOT GENERATED(SV)	An error occurred while the axis endless function was being used.			Setting error	(1)Check the JOB. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1657	AXIS ENDLESS SPECIFIC. ERR(SV)	An unusable function was executed for the axis which the deceleration stop alarm function was enabled.	1	The home position detecting function was used for the axis for which the axis endless function was enabled. The home position detecting function cannot be used for the axis which the axis endless function was enabled.	Setting error	Disable either the axis endless function or the home position detection function of corresponding axis.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The servo float function was used for the axis for which the axis endless function was enabled. The servo float function cannot be used for the axis which the axis endless function was enabled.	Setting error	Disable either the axis endless function or the servo float function of corresponding axis.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1658	REDUCTION STOP SPECIFIC. ERR(SV)	An unusable function was executed for the axis for which the deceleration stop alarm function was enabled.	1	The servo float function was used for the axis for which the deceleration stop function was enabled. The servo float function cannot be used for the axis which the deceleration stop function was enabled.	Setting error	(1)Check the JOB. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	The specified axis speed control function was executed for the axis which the deceleration stop function was enabled. Specified axis speed control function cannot be used for the axis which the deceleration stop function was enabled.	Setting error	(1)Check the JOB. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1659	MOTOR GUN CHANGE PG PWR ON ERR(SV)	The PG power supply of the axis for gun change is already ON.			Setting error	(1)Check if the PICK instruction was executed again for the axis where executed the PICK instruction in the gun change system. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1660	MOTOR GUN CHANGE SV ON ERR(SV)	The servo power supply of the axis for gun change is already ON.			Setting error	(1)Check if the PICK instruction was executed again for the axis where executed the PICK instruction in the gun change system. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1661	MOTOR GUN COND. FILE NO. ERR(SV)	The gun number allocated to the specified physical axis is different from the specified gun condition file number.			File setting error	(1)Check the gun condition file. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1662	MOTOR GUN PRESS FILE NO. ERR(SV)	The gun pressure file number is incorrect.			Setting error	(1)Check the JOB. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1663	WRONG MOTOR GUN PRESS AXIS (SV)	The axis specified for gun pressure is not a gun axis.			File setting error	(1)Check the gun condition file. (2)Turn the power OFF then back ON.
1665	MICRO PROGRAM SYNC. ERROR (SV)	The counts of the micro program executed on the ASIC is incorrect.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
1666	FILE RECEIVE INCOMPLETE (SERVO)	An attempt was made to execute a function which use the file, the transfer file was not successfully completed.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
1667	RESOLUTION CONVERSE CONST ERR(SV)	A logical error occurred in the parameter for modification of resolution which was calculated by the parameter specified by CMOS.BIN.		SDCA01 board failure	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
1672	GRP CHANGE PG POWER ON ERR (SV)	The PG power supply of the axis for group change is already ON.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	(1)Check the JOB. (2)Turn the power OFF then back ON.
1673	GRP CHANGE SERVO ON ERROR (SV)	The PG power supply of the axis for change is already ON.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Check the JOB. (2)Turn the power OFF then back ON.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1674	ARM CONTROL SEQUENCE ERR (SV)	An error occurred in the motor control mode switching process.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
1675	BASE BLOCK READ SIGNAL ERR (SV)	The status setting to base block is different from that of base block signal reading from JL056. (The lowest digit shows the axis No.)		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
1676	BASE BLOCK WRITE SIGNAL ERR (SV)	The status setting to base block is different from that of base block signal writing to JL056. (The lowest digit shows the axis No.)		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
1678	MOTOR CMD POSITION ERROR (SV)	The motor command position is incorrect.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
1679	BRAKE POWER ERROR(12V)	The fuse is blown in brake unit.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Replace the SDCA01 fuse.
					YBK21 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the YBK21 board.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN543, CN544 ·CPS01KA-CN153(+26V3) ·Power supply for brake unit
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1680	GENERAL I/O FUSE BROWN(SV)	The fuse is blown in SDCA01.			SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1681	BRAKE POWER ERROR	An error occurred in the power supply in the brake unit.			Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN543, CN544 ·CPS01KA-CN153(+26V3) ·Power supply for brake unit
					Short circuit or ground fault	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and inserting state of the following cables and connectors. Check the insertion, connection, Short circuit or ground fault of the followings. ·IM-YE250/5-80P-CN220(61,62,70,71,77,78 : 24VAX) ·IM-YE250/5-80P-CN220(63,64,72,73 : 024V2) ·AIO-CN306,CN307,CN308,CN309
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1682	EXTERNAL BRAKE POWER ERROR	An error occurred in the external axis brake power supply for brake unit.			Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN543, CN544 ·CPS01KA-CN153(+26V3) ·Power supply for brake unit
					Short circuit or ground fault	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. Check the insertion, connection, Short circuit or ground fault of the followings. ·IM-YE250/5-80P-CN220(61,62,70,71,77,78 : 24VAX) ·IM-YE250/5-80P-CN220(63,64,72,73 : 024V2) ·AIO-CN306,CN307,CN308,CN309
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1683	DC 24V POWER SUPPLY failure (SV)	An error was detected in the voltage value of the CPS01KA unit.			Short circuit or ground fault	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.
					CPS01KA unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the CPS01KA unit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1684	INSTANT POWER failure (TRO)(SV)	The instant power failure occurred and then the torque was saturated.		The instant power failure occurred and then the torque was saturated.	Voltage failure	(1)Check if the primary power supply voltage is dropping. (2)Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1685	INSTANT POWER failure (TIME)(SV)	The instant power failure occurred for longer than the certain time period.		The instant power failure occurred for longer than the certain time period.	Voltage failure	(1)Check if the primary power supply voltage is dropping. (2)Turn the power OFF then back ON.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1686	POS.DEVITATION SATURATING ERR(SV)	The deviation of the position reaches the soft limit position.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Check the settings for manipulator motion condition (influence by external force, load condition).
					Connection failure	Check if a ground fault has not occurred in the U-, V-, and W-phase of motor power line, or short circuit has not occurred between these phases.
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·SDCA01-CN501 ·SDCA01-CN531, CN532, CN533 ·Inverter board-CN571 ·SDB (External axis servo pack)-CN591
					Module failure (amplifier)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the amplifier.
					Module failure (motor)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1687	COORDINATED STOP FUNC. DISABLE	The function parameter is specified for the system for which it cannot be applied. This function is applicable only for the system with two manipulators (with two SDCA01 boards).			Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1688	MEMORY DATA FILE STORAGE ERROR	The model file is not saved normally.	1	Storage file number is inconsistent	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1690	PCI BOARD NOT DETECTED	AD board connection error	2	Start index is inconsistent	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1691	FORCE SENSOR BOARD UNMOUNTED	AD board connection error			AD board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1693	UNDEFINED MOTOR GUN ARM CONTROL	force sensor board is not mounted (could not be found) The spot high speed function is enabled despite the invalid status of GUN ARM CONTROL function.		Sub Code: Signifies the control group in which the alarm occurred	Force sensor board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1694	GROUND FAULT(BRAKE LINE)	The spot high speed function is enabled despite the invalid status of GUN ARM CONTROL function.			Setting error	The spot high speed function is enabled despite the invalid status of GUN ARM CONTROL function. Please complete the setting of GUN ARM CONTROL as the following operations. 1. start the system in maintenance mode. 2. change the security to management mode. 3. select [SYSTEM] ->[SETUP] ->[OPTION FUNCTION] ->[GUN ARM CONTROL]. 4. change the mode to PLAYBACK, then push [EXECUTE]. 5. set the [INERTIA] and [FREQ]. 6. select [ENABLE] , after the setting the [INERTIA] and [FREQ].
1695	DC 24V POWER SUPPLY failure (SV)	The brake connection is a ground fault or short circuit. An error was detected in the voltage value of the CPS01KA unit.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Short circuit or ground fault	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					CPS01KA unit failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the CPS01KA unit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1696	F-SAFE ENCODER DIAG.EROOR	The ASF01 board has detected the encoder diagnosis error.			Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. [Robot axis] - Cable between encoders - SDCA01-CN508 [External axis] - Cable between encoders - SDCA01-CN534, CN535, CN536 [Using external force monitoring board ASF04] - ASF04 board-CN231,CN232,CN235,CN236,CN237,CN238 - CPS01KA unit-CN156
					Module failure (encoder)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Setting error	Check the parameter setting value.
					ASF04 board failure	If ASF04 board is used, need to confirm the following. (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1860	M-SAFETY COMMUNICATE ERROR	The communication error occurred between the ACP01 and the ASF01 board.	0	There was no response from ASF01 board within the time limit.	Connection failure	Check the connection and insertion of the following boards. ·ACP01 board ·AIF01 board ·ASF01 board
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the CF card that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The reset of Machine-Safety alarm was not properly completed.	Connection failure	Check the connection and insertion of the following boards. ·ACP01 board ·AIF01 board ·ASF01 board
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the CF card that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Calculation results do not match the receive data.	Connection failure	Check the connection and insertion of the following boards. ·ACP01 board ·AIF01 board ·ASF01 board
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the CF card that has been inserted into the ACP01to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).
1861	M-SAF SYSTEM ERROR	An error occurred in a process of Machine-Safety system.		Sub code indicates where the error occurred.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Please try the software update again.
1862	M-SAF VERSION UP ERROR	An error is detected in the update process of Machine-Safety software.		An error is detected in the update process of Machine-Safety software.	Hardware failure	
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Please re-configure the setting of the control group in maintenance mode.
1863	M-SAF SETUP ERROR	The parameter setting do not match to system configuration setting.	1	The parameter setting is incorrect.	Setting error	
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). In maintenance mode, check that the control group setting is appropriate for the system.
			2	Parameter setting does not match the number of ASF01 boards.	Setting error	

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The parameter setting is incorrect.	Setting error	In the control group setting window of maintenance mode, check that the following items are appropriate for the system configuration. (1)In case of STO connection: -Servo board which connects to each control group -The number of axis which connects to connector of each servo board -Contactor unit which connects the brake -Converter which connects the axis -ON_ENABLE signal (or TU) which connects to each control group -The setting of overrun signal (2)In case of Contactor connection: -Servo board which connects to each control group. -The number of axis which connects to connector of each servo board -Axis number to be connected to the connector of the servo board -Converter which connects the axis -Contactor unit which connects the brake -The setting of overrun signal
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The CRC data which calculated do not accord with CRC data saved away by Flash Rom.	Setting error	If the alarm occurs again, Select the following menu. ·Start up maintenance mode. ·Change to the safety mode security. ·Select {Safety Board FLASH Reset} by going to {Initialize} form {File} in the main menu. ·Turn the power OFF then back ON.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			11	The CRC data which calculated do not accord with CRC data saved in a parameter.	Setting error	If the alarm occurs again, Select the following menu. ·Start up maintenance mode. ·Change to the safety mode security. ·Select {Safety Board FLASH Reset} by going to {Initialize} form {File} in the main menu. ·Turn the power OFF then back ON.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The calculated CRC data are not accord with the CRC data that is saved in FlashRom. In addition, both the CRC data that is saved in the parameter does not match.	Setting error	If the alarm occurs again, Select the following menu. ·Start up maintenance mode. ·Change to the safety mode security. ·Select {Safety Board FLASH Reset} by going to {Initialize} form {File} in the main menu. ·Turn the power OFF then back ON.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000	The ASF01 board revision is not correct.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board(#1).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1001	The ASF01 board revision is not correct.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board(#2).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1002	The ASF01 board revision is not correct.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board(#3).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1003	The ASF01 board revision is not correct.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board(#4).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1004	The ASF01 board revision is not correct.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board(#5).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1005	The ASF01 board revision is not correct.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board(#6).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1006	The ASF01 board revision is not correct.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board(#7).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1007	The ASF01 board revision is not correct.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board(#8).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010	The firmware of ASF01 is not correct.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board(#1).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1011	The firmware of ASF01 is not correct.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board(#2).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1012	The firmware of ASF01 is not correct.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board(#3).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1013	The firmware of ASF01 is not correct.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board(#4).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1014	The firmware of ASF01 is not correct.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board(#5).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1015	The firmware of ASF01 is not correct.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board(#6).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1016	The firmware of ASF01 is not correct.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board(#7).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1017	The firmware of ASF01 is not correct.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board(#8).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000	The error of rotary switch setting is detected in ASF01.	Setting error	(1)Select the following menu. - [File]-[Initialize],[Safety Board FLASH Reset] (2)Turn the power OFF then back ON.
					Setting error	Check the rotary switch of ASF01(#1-8)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1864	M-SAF CPU BOARD COMIM ERRO	The communication error occurred between the Machine-Safety and the ASF01 board.	1	There was no response from ASF01 board within the time limit.	Connection failure	Check the connection and insertion of the following boards. ·ACP01 board ·AIF01 board ·ASF01 board
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Calculation results do not match the receive data.	Connection failure	Check the connection and insertion of the following boards. ·ACP01 board ·AIF01 board ·ASF01 board
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Calculation results do not match the receive data on a logical circuit.	Connection failure	Check the connection and insertion of the following boards. ·ACP01 board ·AIF01 board ·ASF01 board
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Here was no response from ACP01 board within the time limit.	Connection failure	Check the connection and insertion of the following boards. ·ACP01 board ·AIF01 board ·ASF01 board
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1865	M-SAF CPU COMM ERROR	The communication error was detected at Machine Safety Software.	1	Incorrect data was detected on communication between ASF01s.	Connection failure	Check the connection between ASF01 boards.(CN201/CN202)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Communication error was detected (ASF01 - ASF01).	Connection failure	Check the connection between ASF01 boards.(CN201/CN202)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Communication error was detected (ASF01 - ASF01).	Connection failure	Check the connection between ASF01 boards.(CN201/CN202)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Communication error was detected (ASF01 - ASF01).	Connection failure	Check the connection between ASF01 boards.(CN201/CN202)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Communication error was detected (ASF01 - ASF01).	Connection failure	Check the connection between ASF01 boards.(CN201/CN202)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Communication error was detected (ASF01 - ASF01).	Connection failure	Check the connection between ASF01 boards.(CN201/CN202)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Connection failure	Check the connection between ASF01 boards.(CN201/CN202)
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			10	Incorrect data was detected on communication between ASF01 and ASF04.	Connection failure	Check the connection and insertion of the following boards. - ASF01(CN239/240) and cable. - SDCA01(CN515/516) and cable. - AIF01(CN111) and cable.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Communication error was detected (ASF01 - ASF04).	Connection failure	Check the connection and insertion of the following boards. - ASF01(CN239/240) and cable. - SDCA01(CN515/516) and cable. - AIF01(CN111) and cable.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	Incorrect data was detected on communication between ASF01 and ASF04.	Connection failure	Check the connection and insertion of the following boards. - ASF01(CN239/240) and cable. - SDCA01(CN515/516) and cable. - AIF01(CN111) and cable.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	Incorrect data was detected on communication between ASF01 and ASF04.	Connection failure	Check the connection and insertion of the following boards. - ASF01(CN239/240) and cable. - SDCA01(CN515/516) and cable. - AIF01(CN111) and cable.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	Communication error was detected (ASF01 - ASF04).	Connection failure	Check the connection and insertion of the following boards. - ASF04 board connector : CN231/232 cable - ASF04 board connector : CN239/240 cable - AIF01 board connector : CN113 cable - CPS01KA unit connector : CN156 cable
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	Communication error was detected (ASF01 - ASF04).	Connection failure	Check the connection and insertion of the following boards. - ASF01(CN239/240) and cable. - SDCA01(CN515/516) and cable. - AIF01(CN111) and cable.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board.

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	Communication error was detected (ASF01 - SDCA01).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	Incorrect data was detected on communication between ASF01 and ACP01.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	Incorrect data was detected on communication between ASF01 and ACP01.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. After replacing the board, remove the SD CARD that has been inserted into the ACP01 to be removed, insert it the new ACP01.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			112	CPU1 of ASF01 detected bit failure in a communication IC.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following boards. Check the connection of the Mill cable between ASF01 board (CN201/ CN202) and ASF01 board(CN211/CN212).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			113	CPU1 of ASF01 detected status failure in a communication IC.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following boards. Check the connection of the Mill cable between ASF01 board (CN201/ CN202) and ASF01 board(CN211/CN212).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			201	CPU2 of ASF01 board did not detect a response from ASF01 board within a time limit.	Connection failure	Check the connection of the Mill cable between ASF01 board (CN201/ CN202) and ASF01 board(CN211/CN212). And check if a terminator(CN211/CN212) is connected.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			202	Incorrect communication data was detected on ASF01.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			203	Incorrect communication data was detected on ASF01.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			204	Incorrect communication data was detected on ASF01.	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			205	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			206	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			207	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			300	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			301	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			302	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			303	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			304	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			305	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			306	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			307	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			310	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			311	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			312	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			313	Communication error was detected (ASF01).	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			314	Communication error was detected (ASF01).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			315	Communication error was detected (ASF01).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			316	Communication error was detected (ASF01).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			317	Communication error was detected (ASF01).	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			212	CPU2 of ASF01 detected bit failure in a communication IC.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following boards. Check the connection of the Mill cable between ASF01 board(CN201/ CN202) and ASF01 board(CN211/CN212).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			213	CPU2 of ASF01 detected bit failure in a communication IC.	Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following boards. Check the connection of the Mill cable between ASF01 board(CN201/ CN202) and ASF01 board(CN211/CN212).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1866	M-SAF F-SAFETY COMM ERROR	The communication error is detected between the M-SAF and the F-SAF.	1	Function Safety did not come by an online mode.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			2	Machine Safety received an offline command.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			3	There was no response from Function Safety with in the time limit.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			4	Machine Safety was not able to detect the first of the sequential number.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			5	Machine Safety detected CRC error.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			6	Machine Safety detected sequential number error.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
			7	Machine Safety was not able to connect with Function Safety in start up process.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Here was no response from Function Safety board within the time limit.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Here was no response from (Function Safety board within the time limit.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1867	M-SAF ROM DIAG. ERROR	An error is detected in the ROM diagnosis function of Machine Safety.	0	An error is detected in the ROM diagnosis function of Machine Safety.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	ROM diagnosis function of Machine Safety detected Flash ROM failure in start up process.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	ROM diagnosis function of Machine Safety detected RAM area failure in start up process.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1868	M-SAF RAM DIAG. ERROR	An error is detected in the RAM diagnosis function of Machine Safety.		Machine Safety software detected failure with RAM diagnosis function of Machine Safety.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1869	M-SAF STACK DIAG. ERROR	An error is detected in the stack diagnosis function of Machine Safety.	1	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	An error is detected in the stack diagnosis function of Machine Safety.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1006	Stack diagnosis function of Machine Safety detected a failure in start up process.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1007	Stack diagnosis function of Machine Safety detected a failure in start up process.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1870	M-SAF REGISTER DIAG. ERROR	An error is detected in the register diagnosis function of Machine-Safety.	1000	An error is detected in the register diagnosis function of Machine Safety.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1871	M-SAF SEQUENCE WATCH ERROR	Sequence diagnosis function of Machine Safety board detected a failure.		Subcode means error data.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
1872	M-SAF WATCHDOG ERROR	An error is detected in the watch dog check of Machine Safety.	101	CPU1of ASF01 detected an error in start up process.	ASF01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	CPU1of ASF01 detected an error of itself.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	CPU1of ASF01 detected an error of CPU2.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	CPU1of ASF01 detected an error of CPU2 in start up process.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			201	CPU2of ASF01 detected an error in start up process.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			202	CPU2of ASF01 detected an error of CPU1.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			203	CPU2of ASF01 detected an error of CPU1.	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			204	CPU2of ASF01 detected an error of CPU1 in start up process.	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Please re-configure the setting of the control group in maintenance mode.
1873	M-SAF OFFLINE MODE SETUP ERROR	The parameter setting error is detected in offline mode of Machine Safety.			ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1874	M-SAF VOLTAGE WATCH ERROR	An error is detected in process to check the voltage of the ASF01 board.		The CPU1 of ASF01 board has detected an illegal voltage of the CPU2. The number indicates as CPU which detected error, surveillance voltage, and 0001 or 0002 value. 0001:Over voltage 0002:Low voltage	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1875	M-SAF I/O BOARD VOLTAGE ERROR	An error is detected in process to check the voltage of the ASF01 board.		subcode: CPU1 1:CPU1 detected a 5V low voltage CPU1 2:CPU1 detected a 5V high voltage CPU1 3:CPU1 detected a 24V low voltage CPU1 4:CPU1 detected a 24V high voltage CPU1 5:CPU1 detected a voltage error in 24V power of the board. CPU2 1:CPU2 detected a 5V low voltage CPU2 2:CPU2 detected a 5V high voltage CPU2 3:CPU2 detected a 24V low voltage CPU2 4:CPU2 detected a 24V high voltage CPU2 5:CPU2 detected a voltage error in 24V power of the board.	Fuse failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection of the fuse of ASF01 board and then turn the power ON again.
					ASF01 board failure	(1) Turn the power OFF then back ON.
					Other	(2) If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1876	M-SAF I/O BOARD WATCHDOG ERROR	Watchdog error is detected in the ASF01 board.	101	An error was detected in startup process by CPU1 of ASF01 board.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	An error in CPU1 of ASF01 board was detected by CPU1 of ASF01 board.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	An error in CPU2 of ASF01 board was detected by CPU1 of ASF01 board.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	An error in CPU2 of ASF01 board was detected for a definite period of time by CPU1 of ASF01 board.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			201	An error of ASF01 board was detected in startup process by CPU2 of ASF01 board.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			202	An error in CPU1 of ASF01 board was detected by CPU2 of ASF01 board.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			203	An error in CPU2 of ASF01 board was detected by CPU2 of ASF01 board.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			204	An error in CPU2 of ASF01 board was detected for a definite period of time by CPU2 of ASF01 board.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1877	F-SAF I/O BOARD NOT INSTALLED	ASF02 board or ASU03 unit was not able to be detected.			Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, confirm the following cable's connection and insertion. - ASF01 board connector : CN208 cable - ASF02 board connector : CN221 cable - ASU03 unit connector : CN221 cable
					ASF02 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF02 board.
					ASU03 unit failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASU03 unit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1878	M-SAF VOLTAGE WATCH ERROR2	An error is detected in process to check the voltage of the ASF01 board.		subcode: cause of alarm (cause) 0.75 V out of range. 1.1 V out of range. 1.5 V out of range. 1.8 V out of range. 2.5 V out of range. 3.3 V out of range. 2.048V out of range. 24V1 out of range. 24V2 out of range.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1879	M-SAF OPCODE ERROR	The ASF01 board has detected OPCODE diagnosis error.			ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1887	F-SAFE RAM DIAG. ERROR(RD ADDR)	The ASF01 board has detected RAM diagnosis error.			ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1888	F-SAFE RAM DIAG. ERROR(WT ADDR)	The ASF01 board has detected RAM diagnosis error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
1889	F-SAFE OPCODE DIAG. ERROR	The ASF01 board has detected OPCODE diagnosis error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
1890	F-SAFE M-SAFETY COMM ERROR	The communication error occurred between the ASF01 and the ASF01 board.	1	Machine safety did not come by an online mode.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Confirm that the rotary switch on the ASF01[#1-8] board is set to [0-7].
					Other	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Functional safety received an offline command.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	There was no response from machine safety board within the time limit.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Functional safety board was not able to detect the first of the sequential number.	ASF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Functional safety board detected sequential number error.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Interrupt signal does not occur from the machine safety board.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Communication data error of Machine Safety was detected. (Running number over)	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Communication data error of Machine Safety was detected. (Running number don't change)	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Communication data of CPU1 and CPU2 is mismatch.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Allocation requests of safety field bus signal is abnormal.	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			12	The error of JL098 communication data was detected.	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	The communication error is detected in the ASF01 board.	ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1891	F-SAFE OUTPUT SIGNAL UNMATCH	Output data from CPU1 and CPU2 is mismatch.			ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1892	F-SAFE COND FILE SETTING ERR	The ASF01 board has detected the condition file abnormality.		Sub Code: Indicates the type of condition file abnormality occurs. 0: Axis range limit function 1: Axis speed monitor function 2: Speed limit function 3: Robot range limit function 4: Tool angle monitor function 5: Tool change monitor function	Setting error	Check condition file that is indicated in the sub code is set correctly.
					ASF01 board failure Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
1894	F-SAFE STACK DIAG. ERROR	The ASF01 board has detected stack diagnosis error.			ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1895	F-SAFE REGISTER DIAG. ERROR	The ASF01 board has detected register diagnosis error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
1896	F-SAFE SEQUENCE WATCH ERROR	The ASF01 board has detected sequence monitor error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
1897	F-SAFE WATCHDOG ERROR	The ASF01 board has detected watchdog monitor error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
1898	F-SAFE ENCODER SELECT ERROR	The Change of encoder communication of Function Safety ERROR was detected.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
1899	F-SAFE MONITOR EXECUTE TIME OVER	The diagnosis processing of Function Safety was not completed in the definite time.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reduce the condition file.
					Other	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1920	SYSTEM ERROR(PFL)	Process is not performed properly on the ASF04 board.			Connection error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. - ASF04 board-CN235,CN236,CN237,CN238
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1921	VOLTAGE OUT OF RANGE(PFL)	ASF04 board CPU is duplex. And, hardware voltage is checked each other. And, one of the duplex system detects abnormal voltage.			ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Connection error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the insertion, connection, short circuit or ground fault of the following cables and connectors. - ASF04 board connector : CN231,CN232 cable
1922	CPU COMMUNICATION ERROR(PFL)	Communication error is happened between ACP01 board and ASF04 board.			Connection error	Confirm the connection and insertion of following boards. - ACP01 board - ASF04 board
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD card from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1923	TORQUE MUTUAL DIAG. ERR(PFL)	Difference of Calculated external force torque result exceeds the threshold on ASF04 board's duplex CPU.		Sub Code: Signifies the axis in which the alarm occurred	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Torque sensor failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1924	FORCE MUTUAL DIAG. ERR(PFL)	Difference of calculated external force result exceeds threshold on ASF04 board's duplex CPU.		Sub Code: Signifies the direction in which the alarm occurred	ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Torque sensor failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1925	TRQ SENSOR SENDING ERROR	Abnormal is happened on the torque sensor communication		Sub Code: Signifies the axis in which the alarm occurred	ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1926	TRQ SENSOR RECEIVING ERROR			Sub Code: Signifies the axis in which the alarm occurred	Connection error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. - ASF04 board-CN231,CN232,CN233,CN234 - CPS01KA unit-CN156 - Torque sensor cable between controller robots - Torque sensor cable which is stored in the robot

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Fuse failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again and fuse melting is occurred on the ASF04 board-CN232 cable, remove the abnormal causes and replace the fuse. After that, turn the power OFF then back ON.
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Power board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the power board of torque sensor.
					Torque sensor failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1927	TRQ SENSOR AXIS NUMBER ERROR			Sub Code: Signifies the axis in which the alarm occurred	Torque sensor failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1928	TRQ SENSOR SEQ.NUMBER ERROR			Sub Code: Signifies the axis in which the alarm occurred	Torque sensor failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1929	TRQ SENSOR CRC ERROR			Sub Code: Signifies the axis in which the alarm occurred	Torque sensor failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1930	SYSTEM ERROR2(PFL)	Process is not performed properly on the ASF04 board.			ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
1931	ARITHMETIC ERROR(PFL)	Process is not performed properly on the ASF04 board.			ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
1932	ENCODER COMM. ERR(PFL)				Connection error	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. - ASF04 board-CN235,CN236,CN237,CN238

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF04 board failure	If ASF04 board is used, confirm the following. (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1933	ENCODER CORR. NUM OVER(PFL)	ASF04 board monitors position information of encoder. If communication error is occurred at any control period, monitor it which is based on the previous position data. And then, calibration data is checked, and if threshold is exceeded, alarm is happened.		Sub Code: Signifies the axis in which the alarm occurred	Connection error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of following cables and connectors. - ASF04 board-CN235,CN236,CN237,CN238
					Encoder (Abnormal)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the encoder.
					ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1934	ROM DIAGNOSIS ERROR(PFL)	ASF04 board's ROM diagnostics function detects error.	1	ROM diagnostics function detects error.	ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
			2	ROM diagnostics function detects error.	ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
			3	ROM diagnostics function detects error.	ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
			5	ROM diagnostics function detects error.	ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1935	RAM DIAGNOSIS ERROR(PFL)	ASF04 board's RAM diagnostics function detects error.			ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1936	RAM DIAG. READ ERROR(PFL)	ASF04 board's RAM diagnostics function detects error.			ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1937	RAM DIAG. WRITE ERROR(PFL)	ASF04 board's RAM diagnostics function detects error.			ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).
1938	REGISTER DIAG. ERROR(PFL)	ASF04 board's Register diagnostics function detects error.			ASF04 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1939	STACK DIAG ERR(PFL)	ASF04 board's Stack diagnostics function detects error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
1940	SEQUENCE DIAG. ERROR(PFL)	ASF04 board's Sequence diagnostics function detects error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
1941	WATCHDOG ERROR(PFL)	ASF04 board's Watchdog monitoring function detects error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
1942	VOLTAGE WATCH ERR(PFL)	ASF04 board's voltage monitoring function detects error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
1943	OPECODE DIAG. ERROR(PFL)	ASF04 board's Opcode diagnostics function detects error.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure). (1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (1000 to 1999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
1944	TOOL NUMBER ERROR(PFL)	Tool change monitoring function's tool number and PFL board's tool number is not same.		Sub Code:Setting file number	ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					ASF04 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF04 board. Save the CMOS.BIN before replace the board to be safe.
1945	TRQ SENSOR ERROR	Detect torque sensor error		Subcode means error cause.	Torque sensor failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your Yaskawa representative about occurrence status (operating procedure).

YRC1000

ALARM CODES

(MAJOR ALARMS)

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Specifications are subject to change without notice
for ongoing product modifications and improvements.

YASKAWA

YASKAWA ELECTRIC CORPORATION

MANUAL NO. RE-CER-A600 
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MAJOR ALARMS

YRC1000 ALARM CODES (MINOR ALARMS)

-
- Upon receipt of the product and prior to initial operation, read these instructions thoroughly, and retain for future reference.
 - This instruction consists of “MAJOR ALARMS” version and “MINOR ALARMS” version.

MOTOMAN INSTRUCTIONS

MOTOMAN-□□□ INSTRUCTIONS
YRC1000 INSTRUCTIONS
YRC1000 OPERATOR'S MANUAL (GENERAL) (SUBJECT SPECIFIC)
YRC1000 MAINTENANCE MANUAL
YRC1000 ALARM CODES (MAJOR ALARMS) (MINOR ALARMS)

The YRC1000 operator's manual above corresponds to specific usage. Be sure to use the appropriate manual.
The YRC1000 operator's manual above consists of “GENERAL” and “SUBJECT SPECIFIC”.
The YRC1000 alarm codes above consists of “MAJOR ALARMS” and “MINOR ALARMS”.



DANGER

- This manual explains the ALARM CODES of the YRC1000 system. Read this manual carefully and be sure to understand its contents before handling the YRC1000. Any matter not described in this manual must be regarded as “prohibited” or “improper”.
- General information related to safety are described in “Chapter 1. Safety” of the YRC1000 INSTRUCTIONS. To ensure correct and safe operation, carefully read “Chapter 1. Safety” of the YRC1000 INSTRUCTIONS.



CAUTION

- In some drawings in this manual, protective covers or shields are removed to show details. Make sure that all the covers or shields are installed in place before operating this product.
- YASKAWA is not responsible for incidents arising from unauthorized modification of its products. Unauthorized modification voids the product warranty.

NOTICE

- The drawings and photos in this manual are representative examples and differences may exist between them and the delivered product.
- YASKAWA may modify this model without notice when necessary due to product improvements, modifications, or changes in specifications. If such modification is made, the manual number will also be revised.
- If your copy of the manual is damaged or lost, contact a YASKAWA representative to order a new copy. The representatives are listed on the back cover. Be sure to tell the representative the manual number listed on the front cover.

Notes for Safe Operation

Read this manual carefully before installation, operation, maintenance, or inspection of the YRC1000.

In this manual, the Notes for Safe Operation are classified as “DANGER”, “WARNING”, “CAUTION”, or “NOTICE”.



DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. Safety Signs identified by the signal word DANGER should be used sparingly and only for those situations presenting the most serious hazards.



WARNING

Indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury. Hazards identified by the signal word WARNING present a lesser degree of risk of injury or death than those identified by the signal word DANGER.



CAUTION

Indicates a hazardous situation, which if not avoided, could result in minor or moderate injury. It may also be used without the safety alert symbol as an alternative to “NOTICE”.

NOTICE

NOTICE is the preferred signal word to address practices not related to personal injury. The safety alert symbol should not be used with this signal word. As an alternative to “NOTICE”, the word “CAUTION” without the safety alert symbol may be used to indicate a message not related to personal injury.

Even items described as “CAUTION” may result in a serious accident in some situations.

At any rate, be sure to follow these important items.



To ensure safe and efficient operation at all times, be sure to follow all instructions, even if not designated as “DANGER”, “WARNING” and “CAUTION”.



DANGER

- Before operating the manipulator, make sure the servo power is turned OFF by performing the following operations. When the servo power is turned OFF, the SERVO ON LED on the programming pendant is turned OFF.
 - Press the emergency stop buttons on the front door of the YRC1000, on the programming pendant, on the external control device, etc.
 - Disconnect the safety plug of the safety fence. (when in the play mode or in the remote mode)

If operation of the manipulator cannot be stopped in an emergency, personal injury and/or equipment damage may result.

Fig. : Emergency Stop Button



- Before releasing the emergency stop, make sure to remove the obstacle or error caused the emergency stop, if any, and then turn the servo power ON.

Failure to observe this instruction may cause unintended movement of the manipulator, which may result in personal injury.

Fig. : Release of Emergency Stop



- Observe the following precautions when performing a teaching operation within the manipulator's operating range:
 - Be sure to perform lockout by putting a lockout device on the safety fence when going into the area enclosed by the safety fence. In addition, the operator of the teaching operation must display the sign that the operation is being performed so that no other person closes the safety fence.
 - View the manipulator from the front whenever possible.
 - Always follow the predetermined operating procedure.
 - Always keep in mind emergency response measures against the manipulator's unexpected movement toward a person.
 - Ensure a safe place to retreat in case of emergency.

Failure to observe this instruction may cause improper or unintended movement of the manipulator, which may result in personal injury.

- Confirm that no person is present in the manipulator's operating range and that the operator is in a safe location before:
 - Turning ON the YRC1000 power
 - Moving the manipulator by using the programming pendant
 - Running the system in the check mode
 - Performing automatic operations

Personal injury may result if a person enters the manipulator's operating range during operation. Immediately press an emergency stop button whenever there is a problem. The emergency stop buttons are located on the front panel of the YRC1000 and on the right of the programming pendant.

- Read and understand the Explanation of the Warning Labels before operating the manipulator.



WARNING

- Perform the following inspection procedures prior to conducting manipulator teaching. If there is any problem, immediately take necessary steps to solve it, such as maintenance and repair.
 - Check for a problem in manipulator movement.
 - Check for damage to insulation and sheathing of external wires.
- Always return the programming pendant to the hook on the YRC1000 cabinet after use.

If the programming pendant is left unattended on the manipulator, on a fixture, or on the floor, etc., the Enable Switch may be activated due to surface irregularities of where it is left, and the servo power may be turned ON. In addition, in case the operation of the manipulator starts, the manipulator or the tool may hit the programming pendant left unattended, which may result in personal injury and/or equipment damage.

Definition of Terms Used Often in This Manual

The MOTOMAN is the YASKAWA industrial robot product.

The MOTOMAN usually consists of the manipulator, the controller, the programming pendant, and manipulator cables.

In this manual, the equipment is designated as follows.

Equipment	Manual Designation
YRC1000 controller	YRC1000
YRC1000 programming pendant	Programming pendant
Cable between the manipulator and the controller	Manipulator cable

Descriptions of the programming pendant, buttons, and displays are shown as follows:

Equipment		Manual Designation
Programming Pendant	Character Keys /Symbol Keys	The keys which have characters or symbols printed on them are denoted with []. ex. [ENTER]
	Axis Keys /Numeric Keys	[Axis Key] and [Numeric Key] are generic names for the keys for axis operation and number input.
	Keys pressed simultaneously	When two keys are to be pressed simultaneously, the keys are shown with a "+" sign between them, ex. [SHIFT]+[COORD]
	Displays	The menu displayed in the programming pendant is denoted with { }. ex. {JOB}

Description of the Operation Procedure

In the explanation of the operation procedure, the expression "Select •••" means that the cursor is moved to the object item and the [SELECT] is pressed, or that the item is directly selected by touching the screen.

Registered Trademark

In this manual, names of companies, corporations, or products are trademarks, registered trademarks, or brand names for each company or corporation. The indications of (R) and TM are omitted.

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Alarm List

Alarm Number (4000 to 4999)

Alarm List Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4000	MEMORY ERROR(TOOL FILE)	An error was detected at memory check. The memory for the tool file is damaged.		Sub Code: Tool number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the tool file in maintenance mode, and then load the tool file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4001	MEMORY ERROR(USER COORD FILE)	An error was detected at memory check. The memory for the user coordinates file is damaged.		Sub Code: User coordinate number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the user coordinates file in maintenance mode, and then load the user coordinates file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4002	MEMORY ERROR(SV MON SIGNAL FILE)	An error was detected at memory check. The memory for the servo monitor signal file is damaged.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, initialize the servo monitor signal file in maintenance mode, and then load the servo monitor signal file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4003	MEMORY ERROR(WEAVING FILE)	An error was detected at memory check. The memory for the weaving condition file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the weaving condition file in maintenance mode, and then load the weaving condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4004	MEMORY ERROR(HOME POS FILE)	An error was detected at memory check. The memory for the home positioning file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the home positioning file in maintenance mode, and then load the home positioning file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4005	MEMORY ERROR(SECOND HOME POS)	An error was detected at memory check. The memory for the second home position file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the second home positioning file in maintenance mode, and then load the second home positioning file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4006	MEMORY ERROR(POWER SOURCE COND)	An error was detected at memory check. The memory for the arc welding Power Source condition file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the arc welding Power Source condition file in maintenance mode, and then load the arc welding Power Source condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4007	MEMORY ERR(ARC START COND FILE)	An error was detected at memory check. The memory for the arc start condition file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the arc start condition file in maintenance mode, and then load the arc start condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4008	MEMORY ERROR(ARC END COND FILE)	An error was detected at memory check. The memory for the arc end condition file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the arc end condition file in maintenance mode, and then load the arc end condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4009	MEMORY ERROR(ARC AUX COND FILE)	An error was detected at memory check. The memory for the arc auxiliary condition file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the arc auxiliary condition file in maintenance mode, and then load the arc auxiliary condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4010	MEMORY ERROR(COM-ARC COND FILE)	An error was detected at memory check. The memory for the COM-ARC condition file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the COM-ARC condition file in maintenance mode, and then load the COM-ARC condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4011	MEMORY ERROR(FILE DATA)	An error was detected at memory check.	230	The memory for the gun detail setting file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the gun detail setting file in maintenance mode, and then load the gun detail setting file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			231	The memory for the spot management file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the spot management file in maintenance mode, and then load the spot management file saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			232	The memory for the spot welder I/F file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the spot welder I/F file in maintenance mode, and then load the spot welder I/F file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			233	The memory for the manual press condition file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the manual press condition file in maintenance mode, and then load the manual press condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			240	The memory for the wear detection base position file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the wear detection base position file in maintenance mode, and then load the wear detection base position file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			243	The memory for the learning control I/O allocation file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the learning control I/O allocation file in maintenance mode, and then load the learning control I/O allocation file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			261	The memory for the IOSPDCCTRL setup file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the IOSPDCCTRL setup file in maintenance mode, and then load the IOSPDCCTRL setup file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			262	The memory for the SETTM SETUP file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the SETTM SETUP in maintenance mode, and then load the SETTM SETUP saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			263	The memory for the TIMER VARIABLE NAME file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the TIMER VARIABLE NAME file in maintenance mode, and then load the TIMER VARIABLE NAME file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			265	The memory for the USER GROUP INPUT file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the USER GROUP INPUT file in maintenance mode, and then load the USER GROUP INPUT file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			266	The memory for the USER GROUP OUTPUT file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the USER GROUP OUTPUT file in maintenance mode, and then load the USER GROUP OUTPUT file saved in the external memory device.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			267	The memory for the SENSPS SETTING DATA is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the SENSPS SETTING DATA in maintenance mode, and then load the SENSPS SETTING DATA saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			268	The memory for the USER ANALOG INPUT file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the USER ANALOG INPUT file in maintenance mode, and then load the USER ANALOG INPUT file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			269	The memory for the USER ANALOG OUTPUT file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the USER ANALOG OUTPUT file in maintenance mode, and then load the USER ANALOG OUTPUT file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			270	The memory for the F-SAFETY SIGNAL_ALLOC file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the USER ANALOG OUTPUT file in maintenance mode, and then load the USER ANALOG OUTPUT file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			271	The memory for the SLC EXT. SIGNAL ALLOC file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			272	The memory for the ysf logic comment file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			273	The memory for the timer set file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			273	The memory for the timer set file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			275	The memory for the PAINT RECOVERY file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the PAINT RECOVERY file in maintenance mode, and then load the PAINT RECOVERY file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			277	The memory for the reducer remain time file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the reducer remain time file in maintenance mode, and then load the reducer remain time file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			278	The memory for the ysf logic signal display setup file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			284	The memory for the F-SAFETY SIGNAL_ALLOC file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			285	The memory for the SPECIFIC INPUT COMMENT SET file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			286	The memory for the operating time database is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the operating time database in maintenance mode, and then load the operating time database saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			287	The memory for the operating time database is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the operating time database in maintenance mode, and then load the operating time database saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			288	The memory for the operating time database is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the operating time database in maintenance mode, and then load the operating time database saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			290	The memory for the STEP DIAGNOSIS file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the STEP DIAGNOSIS file in maintenance mode, and then load the STEP DIAGNOSIS saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			291	The memory for the ROBOT MONITOR file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ROBOT MONITOR in maintenance mode, and then load the ROBOT MONITOR file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			292	The memory for the ROBOT ARRANGEMENT SETUP file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ROBOT ARRANGEMENT SETUP in maintenance mode, and then load the ROBOT ARRANGEMENT SETUP file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			295	The memory for the ROBOT RANGE DISP DATA is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ROBOT RANGE DISP DATA in maintenance mode, and then set the ROBOT RANGE DISP DATA.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			298	The memory for the servo power time is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the servo power time database in maintenance mode, and then load the servo power time database saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			299	The memory for the SYNCHRO WELDING PARAMETER is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the SYNCHRO WELDING PARAMETER in maintenance mode, and then load the SYNCHRO WELDING PARAMETER saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			300	The memory for the ysf logic file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			301	The memory for the ysf logic comment file is damaged.	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4012	MEMORY ERROR(LINK SERVOFLOAT)	An error was detected at memory check. The memory for the link servo float condition file is damaged.		Sub Code: Condition file number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the link servo float condition file in maintenance mode, and then load the link servo float condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4013	MEMORY ERROR(LINEAR SERVOFLOAT)	An error was detected at memory check. The memory for the linear servo float condition file is damaged.		Sub Code: Condition file number	Other Data error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, initialize the linear servo float condition file in maintenance mode, and then load the linear servo float condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4014	MEMORY ERROR(ROBOT CALIB FILE)	An error was detected at memory check. The memory for the file for calibration between manipulators is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the file for calibration between manipulators in maintenance mode, and then load the file for calibration between manipulators saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4017	MEMORY ERROR(POWERSRC USER-DEF)	An error was detected at memory check. The memory for the Power Source user definition file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the Power Source user definition file in maintenance mode, and then load the Power Source user definition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4018	MEMORY ERR(LADDER PRG FILE)	An error was detected at memory check. The memory for the ladder program file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ladder program file in maintenance mode, and then load the ladder program file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4019	MEMORY ERROR(CUTTING COND FILE)	An error was detected at memory check. The memory for the user coordinates file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the cutting condition file in maintenance mode, and then load the cutting condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4020	MEMORY ERROR(OPERATION ORIGIN)	An error was detected at memory check. The memory for the work home position file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the work home position file in maintenance mode, and then load the work home position file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4021	MEMORY ERROR(CONVEYOR COND FILE)	An error was detected at memory check. The memory for the conveyor condition file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the conveyor condition file in maintenance mode, and then load the conveyor condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4022	MEMORY ERROR(PAINT SPECIAL FILE)	An error was detected at memory check. The memory for the paint special file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the paint special file in maintenance mode, and then load the paint special file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4023	MEMORY ERROR(PAINT COND FILE)	An error was detected at memory check. The memory for the paint condition file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the paint condition file in maintenance mode, and then load the paint condition file saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4024	MEMORY ERR(WRIST WEAV AMP FILE)	An error was detected at memory check. The memory for the wrist weaving amplitude file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the wrist weaving amplitude file in maintenance mode, and then load the wrist weaving amplitude file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4025	MEMORY ERROR(INTERRUPT JOB FILE)	An error was detected at memory check. The memory for the interrupt job file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the interrupt job file in maintenance mode, and then load the interrupt job file saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4028	MEMORY ERR(SENSOR MON COND FILE)	An error was detected at memory check. The memory for the sensor monitoring condition file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the sensor monitoring condition file in maintenance mode, and then load the sensor monitoring condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4030	MEMORY ERR(PRESS COND DATA FILE)	An error was detected at memory check. The memory for the press condition file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the press condition file in maintenance mode, and then load the press condition file saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4031	MEMORY ERROR(SPOT GUN COND FILE)	An error was detected at memory check. The memory for the spot welding gun condition file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the gun condition file in maintenance mode, and then load the gun condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4032	MEMORY ERROR(SPOT WELDER COND)	An error was detected at memory check. The memory for the spot welding Power Source condition file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the spot welding gun condition file in maintenance mode, and then load the spot welding gun condition file saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4033	MEMORY ERROR(GUN PRESSURE FILE)	An error was detected at memory check. The memory for the gun pressure file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the gun pressure file in maintenance mode, and then load the gun pressure file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4034	MEMORY ERR(ANTICIPATION OT FILE)	An error was detected at memory check. The memory for the anticipation outputs (OT) file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the anticipation output (OT) file in maintenance mode, and then load the anticipation output (OT) file saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4035	MEMORY ERR(ANTICIPATION OG FILE)	An error was detected at memory check. The memory for the anticipation outputs (OG) file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the anticipation output (OG) file in maintenance mode, and then load the anticipation output (OG) file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4036	MEMORY ERROR(WEARING FILE)	An error was detected at memory check. The memory for the wear amount file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the wear amount file in maintenance mode, and then load the wear amount file saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4037	MEMORY ERROR(STROKE POSITION)	An error was detected at memory check. The memory for the FULL/SHORT OPEN position setting file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the FULL/SHORT OPEN position setting file in maintenance mode, and then load the FULL/SHORT OPEN position setting file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4038	MEMORY ERROR(PRESSURE FILE)	An error was detected at memory check. The memory for the dry-spotting pressure file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the dry-spotting pressure file in maintenance mode, and then load the dry-spotting pressure file saved in the external memory device.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4039	MEMORY ERROR(FORM CUT FILE)	An error was detected at memory check. The memory for the form cut file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the form cut file in maintenance mode, and then load the form cut file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4040	MEMORY ERROR(SHOCK LEVEL FILE)	An error was detected at memory check. The memory for the shock level file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the shock level file in maintenance mode, and then load the shock level file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4041	MEMORY ERROR(SPOT IO ALLOCATE FL)	An error was detected at memory check. The memory for the spot I/O allocation file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the spot I/O allocation file in maintenance mode, and then load the spot I/O allocation file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4042	MEMORY ERROR(VISION FILE)	An error was detected at memory check. The memory for the vision condition file is damaged.		Sub Code: Page number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the vision condition file in maintenance mode, and then load the vision condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4043	MEMORY ERROR(VISION CALIBRATION)	An error was detected at memory check. The memory for the vision calibration file is damaged.		Sub Code: Page number	Other Data error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, initialize the vision calibration file in maintenance mode, and then load the vision calibration file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4044	MEMORY ERROR(WELD PULSE COND)	An error was detected at memory check. The memory for the welding pulse condition file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the welding pulse condition file in maintenance mode, and then load the welding pulse condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4045	MEMORY ERROR(WELD PULSE SELECT)	An error was detected at memory check. The memory for the welding pulse selection file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the welding pulse selection file in maintenance mode, and then load the welding pulse selection file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4046	MEMORY ERR(CONVEYOR CALIB FILE)	An error was detected at memory check. The memory for the conveyor calibration file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the conveyor calibration file in maintenance mode, and then load the conveyor calibration file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4047	MEMORY ERROR(MACRO DEFINITION FILE)	An error was detected at memory check. The memory for the macro definition file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the macro definition file in maintenance mode, and then load the macro definition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4048	MEMORY ERROR(SERVO S-GUN FILE)	An error was detected at memory check. The memory for the sealer gun characteristics file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the sealer gun characteristics file in maintenance mode, and then load the sealer gun characteristics file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4049	MEMORY ERROR(PASTE QUAN.COMP FL)	An error was detected at memory check. The memory for the painting amount correction file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the painting amount correction file in maintenance mode, and then load the painting amount correction file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4050	MEMORY ERR(AXIS I/O ALLOC FILE)	An error was detected at memory check. The memory for the axis motion I/O allocation file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the axis motion I/O allocation file in maintenance mode, and then load the axis motion I/O allocation file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4051	MEMORY ERR(GUN COND. AUX. FILE)	An error was detected at memory check. The memory for the gun characteristics auxiliary file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the gun characteristics auxiliary file in maintenance mode, and then load the gun characteristics auxiliary file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4052	MEMORY ERROR(TOOL INTERFERENCE)	An error was detected at memory check. The memory for the tool interference file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the tool interference file in maintenance mode, and then load the tool interference file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4053	MEMORY ERROR(PAINT SYS CONFIG.)	An error was detected at memory check. The memory for the painting system setting file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the painting system setting file in maintenance mode, and then load the painting system setting file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4054	MEMORY ERROR(PAINTING SPECIAL)	An error was detected at memory check. The memory for the painting device characteristics file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the painting device characteristics file in maintenance mode, and then load the painting device characteristics file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4055	MEMORY ERROR(CCV-PAINT TABLE)	An error was detected at memory check. The memory for the painting CCV file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the painting CCV file in maintenance mode, and then load the painting CCV file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4056	MEMORY ERROR(PLUG VOLUME FILE)	An error was detected at memory check. The memory for the paint filling file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the painting filling file in maintenance mode, and then load the painting filling file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4057	MEMORY ERROR(EVB GUN COND)	An error was detected at memory check. The memory for the EVB gun condition file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the EVB gun condition file in maintenance mode, and then load the EVB gun condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4058	MEMORY ERROR(EVB TURBIN COND)	An error was detected at memory check. The memory for the EVB turbine condition file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the EVB turbine condition file in maintenance mode, and then load the EVB turbine condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4059	MEMORY ERROR(EVB PAINT COND)	An error was detected at memory check. The memory for the EVB paint condition file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the EVB paint condition file in maintenance mode, and then load the EVB paint condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4060	MEMORY ERROR(CLEARANCE FILE)	An error was detected at memory check. The memory for the clearance file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the clearance file in maintenance mode, and then load the clearance file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4061	MEMORY ERROR(GAUGE SENSOR FILE)	An error was detected at memory check. The memory for the gauging sensor file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the gauging sensor condition file in maintenance mode, and then load the gauging sensor condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4062	MEMORY ERROR(LNR SCALE FILE)	An error was detected at memory check. The memory for the linear scale condition file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the linear scale condition file in maintenance mode, and then load the linear scale condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4063	MEMORY ERR(CONVEYOR COND SUPP.)	An error was detected at memory check. The memory for the conveyor condition auxiliary file is damaged.		Sub Code: File number	Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the conveyor condition auxiliary file in maintenance mode, and then load the conveyor condition auxiliary file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4064	MEMORY ERR(WEAV SYNC WELD FILE)	An error was detected at memory check. The memory for the weaving synchronizing welding condition file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the weaving synchronizing welding condition file in maintenance mode, and then load the weaving synchronizing welding condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4065	MEMORY ERROR(I/F PANEL FILE)	An error was detected at memory check. The memory for the I/F panel file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the I/F panel file in maintenance mode, and then load the I/F panel file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4069	MEMORY ERR(PALLETIZE COND FILE)	An error was detected at memory check. The memory for the palletizing condition file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the palletize condition file in maintenance mode, and then load the palletize condition file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4070	MEMORY ERROR(LASER TRACKING START FILE)	An error was detected at memory check. The memory for the laser tracking welding start file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the laser tracking welding start file in maintenance mode, and then load the laser tracking welding start file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4071	MEMORY ERROR(LASER TRACKING END FILE)	An error was detected at memory check. The memory for the laser tracking welding end file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the laser tracking welding end file in maintenance mode, and then load the laser tracking welding end file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4072	MEMORY ERROR(LASER TRACKING TRACK START FILE)	An error was detected at memory check. The memory for the laser tracking track start file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the laser tracking track start file in maintenance mode, and then load the laser tracking track start file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4073	MEMORY ERROR(LASER TRACKING SET FILE)	An error was detected at memory check. The memory for the laser tracking welding set file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the laser tracking welding set file in maintenance mode, and then load the laser tracking welding set file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4074	MEMORY ERROR(LASER TRACKING TRACK SET FILE)	An error was detected at memory check. The memory for the laser tracking track set file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the laser tracking track set file in maintenance mode, and then load the laser tracking track set file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4075	MEMORY ERROR(CONDITION FILE OF CORRESPONDING TO LASER TRACKING GAP)	An error was detected at memory check. The memory for the condition file of corresponding to laser tracking gap is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the condition file of corresponding to laser tracking gap in maintenance mode, and then load the condition file of corresponding to laser tracking gap saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4080	MEMORY ERR(MUTUAL WAIT SET FILE)	An error was detected at memory check. The memory for the mutual wait set file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the mutual wait set file in maintenance mode, and then load the mutual wait set file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4081	MEMORY ERR(INTERF. PREDICT FILE)	An error was detected at memory check. The memory for the interference predict file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the mutual wait set file in maintenance mode, and then load the interference predict file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4082	INTERF. PREDICT DETECT	YRC1000 has detected the possibility of interference between manipulators.			Operation mistake or teaching mistake	(1)Reset the alarm. (2)Pull the manipulators away each other. (3)If this alarm occurred during test run or playback operation, change the teaching points. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4083	INTERF. PREDICT COMM ERROR	A communication error has been detected in the interference predict function.		SubCode 0000_0000_0000_0010:YRC1000 received an error response from the interference predict server. 0001_0000_0000_0001:No response for the interference check start request was returned from the interference predict server. 0001_0000_0000_0010:No response for the current position acquisition request was returned from the interference predict server. 0001_0000_0000_0011:YRC1000 received an error response for the interference check start request from the interference predict server.	Connection failure	(1)Reset the alarm. (2)Check the connection between interference predict server and YRC1000.
					Setting error	(1)Reset the alarm. (2)Check each network setting for the robot controller and the interference predict server.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4084	ROBOT SYNC. ERROR	An error was detected in the mutual wait function.		SubCode 0000_0000_0001:No response was returned from the mutual wait target. 0000_0000_0000:An error occurred in the communication with the mutual wait target during the execution of RSYNC(FN591). 0000_0000_0000:An error occurred in the communication with the mutual wait target during the execution of RSYNC(FN591). 0000_0000_0100:RSYN C(FN591) execution cancel was received even though RSYNC(FN591) execution notice hadn't been received from the mutual wait target. 0000_0000_0101:RSYN C(FN591) execution cancel error from the mutual wait target was received. 0000_0000_0000:The mutual wait manipulator No. of the RSYNC(FN591) is abnormal. 0000_0000_0010:RSYN C(FN591) was doubly executed. 0000_0000_0011_0000:RSYN C(FN591) execution notice from the mutual wait target was received doubly. 0000_0000_0100:RSYN C(FN591) execution notice error from the mutual wait target was received.	Connection failure	SubCode 0000_0000_0000_0001 0000_0000_0000_0010 0000_0000_0000_0011 0000_0000_0000_0100 0000_0000_0000_0101 0000_0000_0011_0000 0000_0000_0100_0000 (1)Reset the alarm. (2)Check the communication connection with the mutual wait target.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					HUB failure	SubCode 0000_0000_0000_0001 0000_0000_0000_0010 0000_0000_0000_0011 0000_0000_0000_0100 0000_0000_0000_0101 0000_0000_0011_0000 0000_0000_0100_0000 (1)Reset the alarm. (2)Check the communication connection with the mutual wait target.
					Setting error	SubCode 0000_0000_0000_0001 (1)Reset the alarm. (2)Check the contents of the mutual wait setting file. (3)Check the network setting of the mutual wait target.
					Operation mistake	SubCode 0000_0000_0000_0100 0000_0000_0000_0101 (1)Reset the alarm. (2)Check if FN591 execution is aborted when FN591 execution has been mutually established. In this case, this alarm may occur due to communication time lag.
					Setting error	SubCode 0000_0000_0001_0000 (1)Reset the alarm. (2)Check the mutual wait manipulator No. of the FN591.
					Software operation error occurred	SubCode 0000_0000_0010_0000 0000_0000_0011_0000 0000_0000_0100_0000 (1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4085	MEMORY ERR(INTERF. HISTORY FILE)	An error was detected at memory check. The memory for the interference history file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the mutual wait set file in maintenance mode, and then load the interference history file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
4086	MEMORY ERROR(YSF SET FILE)	An error was detected at memory check. The memory for the ysf set file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4087	MEMORY ERROR(YSF TMR FILE)	An error was detected at memory check. The memory for the ysf timer file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4088	MEMORY ERROR(YSF LOGIC FILE)	An error was detected at memory check. The memory for the ysf logic file is damaged.			Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the ysf logic file in maintenance mode, and then load the ysf logic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4099	DC 24V POWER SUPPLY failure (CPS)	An error was detected in the voltage value of the CPS power.			YPS21 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, turn the power OFF then back ON. (3)If the alarm occurs again, replace the following unit. -CPS01 unit

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4102	SYSTEM DATA HAS BEEN CHANGED	The system parameters are modified. An attempt was made to turn ON the servo power supply after having modified the system parameters.			Other System data changed	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Turn the power OFF then back ON before turning ON the servo power supply.
4103	PARALLEL START INSTRUCTION ERROR	An error occurred in the independent control startup operation.	1	Sub task being executed: Although a job is being executed by instructed sub task, an attempt was made to execute another job by the sub task.	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Check if other JOB has been already executed in the same task which is used in the PSTART. If same task need to be executed in series, add PWAIT to confirm if the previous task end.
			2	Group axis being used: The job operated by another sub task uses the same group axis.	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Check if the control group of the JOB which is used in the PSTART has been already executed in other task. If the same group need to be executed in series, add PWAIT to confirm if the other task end.
			3	Multiple start of same job: The job that was tried to be started was executed by another sub task.	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Check if the JOB which is used in the PSTART has been already executed in other task. If the same job need to be executed in series, add PWAIT to confirm if the other task end.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	Unregistered master job: Although the master job was not registered, an attempt was made to execute PSTART SUB (job name omitted).	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The master job of the subtask is registered
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Synchronization instruction error: When restarted by PSTART, synchronization instruction status of the sub task under interruption was different from the status to restart.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The job to be started ·The execution timing for start command
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Stopped by an alarm: An attempt was made to start the sub task which is stopped by an alarm.	Setting error	Check the following settings. ·Alarm occurrence status
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Synchronization task specification of SYNC instruction omit error	Setting error	(1)Reset the alarm. (2)Check the following setting. ·Synchronization task specification of SYNC instruction
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The task is specified by synchronization task of SYNC instruction.	Setting error	(1)Reset the alarm. (2)Check the following setting. ·Synchronization task specification of SYNC instruction It is not possible to set the same task to the SYNC as the sub task of PSTART instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9	I/O jog being executed	Setting error	(1)Reset the alarm. (2)Check the following setting. ·I/O jog executing status Complete the I/O jog execution, and then restart.
			10	Separate group axis being used	Setting error	(1)Reset the alarm. (2)Check the following setting. ·I/O jog executing status Complete the I/O jog executing status, and then restart.
			11	The servo power supply is OFF.	Setting error	(1)Reset the alarm. (2)Check the following setting. ·Servo power Turn ON servo power.
			12	Twin synchronous task ID error	Setting error	(1)Reset the alarm. (2)Check the following setting. ·Twin synchronous task specification of SYNC instruction
			16	PSTART instruction is the old specification.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The specifications of PSTART instruction Register the PSTART instruction as new specification.
			17	PWAIT instruction is the old specification.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The specifications of PWAIT instruction Register the PWAIT instruction as new specification.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	Sub task to be set PSTART has been already executed.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The subtask is completed by the PWAIT instruction. ·The execution timing for start command
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	An attempt was made to start up the control group where IO speed control is activated by a job.	Setting error	(1)Reset the alarm. (2)Check the status of IOSPDCtrl operation setting. The control group of which setting status is "VALID" cannot be started up by a job. (3)Modify the job so as not to start up the control group in which IO speed control is activated.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	MotoPlus is operating	Setting error	(1)Reset the alarm. (2)Check the following setting. ·MotoPlus operating status Complete the MotoPlus operation, and then restart.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4104	WRONG EXECUTION OF LOAD INST	An error occurred when an instruction was executed by the data transmission DCI function.		Sub Code 1 to 245: Signifies the data transmission error.	Setting error	(1)Reset the alarm. (2)Refer to the instruction manual for Data Transmission Function for details.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4105	WRONG EXECUTION OF SAVE INST	An error occurred when an instruction was executed by the data transmission DCI function.		Sub Code 1 to 245: Signifies the data transmission error.	Setting error	(1)Reset the alarm. (2)Refer to the instruction manual for Data Transmission Function for details.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4106	WRONG EXECUTION OF DELETE INST	An error occurred when an instruction was executed by the data transmission DCI function.		Sub Code1 to 245: Signifies the data transmission error.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Refer to the instruction manual for Data Transmission Function for details.
4107	OUT OF RANGE(ABSO DATA)	The position difference between when the power was turned OFF and when the power was turned ON again exceeded the tolerance for the manipulator or a station.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Check the following settings. ·Move the manipulator or station to the zero position by the axis operation and check the home position alignment marks (the arrow).
					Blown fuse	If AL1962 "SDCA01 board failure" occurred simultaneously with this alarm, Replace the fuse(F1) in the SDCA01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4110	SHOCK SENSOR ACTION	This alarm occurs if the shock sensor signal is detected.			Shock sensor activated	Shock sensor is activated. Select "OVERRUN&SHOCK SENSOR" under sub menu "ROBOT" to reset the sensor. After that, perform avoidance movement by jog operation.
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection of the fuse of ASF01 board and then turn the power ON again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ASF01-CN204 ·SDCA01-CNBX-ASF01
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4112	DATA SENDING ERROR	A sending error occurred during data transmission.	1	Retry over of NAK	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Retry over for timeout in timer A	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Retry over for mutual response error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4113	DATA RECEIVING ERROR	A receiving error occurred during data transmission.	1	Reception timeout (timer A)	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Reception timeout (timer B)	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Heading length is too short.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, send EOT code to release the data link and then check that the sending side data is correctly set. (3)Check that the communication setting is correct.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Heading length is too long.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, send EOT code to release the data link and then check that the sending side data is correctly set. (3)Check that the communication setting is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The header No. error	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, send EOT code to release the data link and then check that the sending side data is correctly set. (3)Check that the communication setting is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The text length exceeded 256 characters.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, send EOT code to release the data link and then check that the sending side data is correctly set. (3)Check that the communication setting is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Illegal data received	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, send EOT code to release the data link and then check that the sending side data is correctly set. (3)Check that the communication setting is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4114	TRANSMISSION HARDWARE ERROR	An error occurred during data transmission.	1	Overrun error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Parity error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Framing error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Transmission timeout (timer A)	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Transmission timeout (timer B)	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4115	TRANSMISSION SYSTEM BLOCK	An error occurred during data transmission. (This alarm occurs when received data cause inconsistency on the system although the transmission protocol is correct. Mainly, this alarm occurs due to an illegal transmission or erroneous report at the data sending side.)	1	Received EOT while waiting ACK.	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Received EOT while waiting ENQ.	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Received EOT before last block reception.	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Received codes other than EOT after last block reception.	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4116	TRANSMISSION SYSTEM ERROR	An error occurred in data transmission.	1	Transmission data contents error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			100	Trans error or protocol error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4117	BRAKE POWER ERROR	Brake power supply unit (SDCA) has been blown.	1	The SDCA01 board # 1 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection and then replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The SDCA01 board # 2 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection and then replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The SDCA01 board # 3 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection and then replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The SDCA01 board # 4 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection and then replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The SDCA01 board # 5 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection and then replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The SDCA01 board # 6 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection and then replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The SDCA01 board # 7 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection and then replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The SDCA01 board # 8 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection if there is a ground fault or short circuit.
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the brake connection and then replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4118	FAN CIRCUIT PROTECTOR TRIPPED	The circuit protector of the in-panel cooling fan is tripped or turned OFF. (This alarm will be displayed one minutes after detection.)	1	The SDCA01 board # 1 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check fan power line if there is a ground fault or short circuit.
					Setting error	(1)Reset the alarm. (2)Check the following settings. (After cancellation of the short-circuit and ground fault) Turn ON the circuit protector.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Cooling fan failure	(1)Reset the alarm. (2)Replace the in-panel cooling fan. Check the connection between manipulator and servo board. * Move the manipulator to safety place in teach mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The SDCA01 board # 2 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check fan power line if there is a ground fault or short circuit.
					Setting error	(1)Reset the alarm. (2)Check the following settings. (After cancellation of the short-circuit and ground fault) Turn ON the circuit protector.
					Cooling fan failure	(1)Reset the alarm. (2)Replace the in-panel cooling fan. Check the connection between manipulator and servo board. * Move the manipulator to safety place in teach mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The SDCA01 board # 3 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check fan power line if there is a ground fault or short circuit.
					Setting error	(1)Reset the alarm. (2)Check the following settings. (After cancellation of the short-circuit and ground fault) Turn ON the circuit protector.
					Cooling fan failure	(1)Reset the alarm. (2)Replace the in-panel cooling fan. Check the connection between manipulator and servo board. * Move the manipulator to safety place in teach mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	The SDCA01 board # 4 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check fan power line if there is a ground fault or short circuit.
					Setting error	(1)Reset the alarm. (2)Check the following settings. (After cancellation of the short-circuit and ground fault) Turn ON the circuit protector.
					Cooling fan failure	(1)Reset the alarm. (2)Replace the in-panel cooling fan. Check the connection between manipulator and servo board. * Move the manipulator to safety place in teach mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The SDCA01 board # 5 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check fan power line if there is a ground fault or short circuit.
					Setting error	(1)Reset the alarm. (2)Check the following settings. (After cancellation of the short-circuit and ground fault) Turn ON the circuit protector.
					Cooling fan failure	(1)Reset the alarm. (2)Replace the in-panel cooling fan. Check the connection between manipulator and servo board. * Move the manipulator to safety place in teach mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The SDCA01 board # 6 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check fan power line if there is a ground fault or short circuit.
					Setting error	(1)Reset the alarm. (2)Check the following settings. (After cancellation of the short-circuit and ground fault) Turn ON the circuit protector.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Cooling fan failure	(1)Reset the alarm. (2)Replace the in-panel cooling fan. Check the connection between manipulator and servo board. * Move the manipulator to safety place in teach mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The SDCA01 board # 7 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check fan power line if there is a ground fault or short circuit.
					Setting error	(1)Reset the alarm. (2)Check the following settings. ·(After cancellation of the short-circuit and ground fault) Turn ON the circuit protector.
					Cooling fan failure	(1)Reset the alarm. (2)Replace the in-panel cooling fan. Check the connection between manipulator and servo board. * Move the manipulator to safety place in teach mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The SDCA01 board # 8 generates an alarm.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check fan power line if there is a ground fault or short circuit.
					Setting error	(1)Reset the alarm. (2)Check the following settings. ·(After cancellation of the short-circuit and ground fault) Turn ON the circuit protector.
					Cooling fan failure	(1)Reset the alarm. (2)Replace the in-panel cooling fan. Check the connection between manipulator and servo board. * Move the manipulator to safety place in teach mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4119	FAN ERROR(IN CONTROL BOX)	The rotation speed of the cooling fan 1 with alarm sensor connected to the CPS01KA unit decreased.		Sub Code 1 to 8: Signifies the ASF01 board No. in which the alarm occurred	Cooling fan failure	Replace the CPS01KA unit.
4121	COOLING FAN1 ERROR	The rotation speed of the cooling fan 1 with alarm sensor connected to the contactor unit decreased.		Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Replace the cooling fan of manipulator. Check the wiring from a manipulator to a servo board. * Move the manipulator to the safe position in the teach mode.
4122	COOLING FAN2 ERROR	The rotation speed of the cooling fan 2 with alarm sensor connected to the contactor unit decreased.		Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Replace the cooling fan of manipulator. Check the wiring from a manipulator to a servo board. * Move the manipulator to the safe position in the teach mode.
4123	COOLING FAN3 ERROR	The rotation speed of the cooling fan 3 with alarm sensor connected to the contactor unit decreased.		Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Replace the cooling fan of manipulator. Check the wiring from a manipulator to a servo board. * Move the manipulator to the safe position in the teach mode.
4124	WRONG EXECUTION OF VISION INST		1	The specified file number is incorrect.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·File No. Specify the correct file number.
			2	The specified file set value is incorrect.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·File set value Specify the set value.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Calibration could not be executed.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The robot coordinate data or the pixel coordinate data used for the calibration ·The user variable number in the calibration file Set the robot coordinate data and the pixel coordinate data used for the calibration to the user variable. Correctly set the user variable number in the calibration file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The communication port for the vision system could not be initialized.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The Parameter for vision communication port. (3)Set the correct parameters for the communication port.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Time-out occurred during data transmission.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The communication setting of vision system
		(1)Reset the alarm. (2)Check the following settings. ·The communication setting of vision system			Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection of the following cables. ·Cable between vision system and YRC1000 system
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Time-out occurred during data reception.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The communication setting of vision system
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection of the following cables. ·Cable between vision system and YRC1000 system

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The data received from the vision system is incorrect.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The communication setting of vision system ·The detection setting of vision system
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection of the following cables. ·Cable between vision system and YRC1000 system
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The pixel coordinates value was not able to be converted into the robot coordinates.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The communication setting of vision system ·Calibration file for use
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Failed to read or write the position type variable (P variable).	Setting error	(1)Reset the alarm. (2)Check the following settings. ·Usage status of the specified position type variable Don't use the specified positional type variable at the same time in other jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Use memory is lacking and the area could not be obtained.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The setting value of measurement item (FT) is incorrect.	Setting error	(1)Reset the alarm. (2)Correct the setting value of a measurement item.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			12	The data for the vision execution command is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			48	The number of waiting commands sent by Vision sensor exceeded the limit.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)Check the command sent by Vision sensor (3)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4125	TRANS ERROR(WELD PULSE COND)	An error occurred in the welding pulse condition transmission.	1	File access error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	File data error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or file data is correctly set. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Calibration execution error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	ACP01 port initialize error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or ACP01 port is correctly set. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Time-out occurred during data transmission.	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Time-out occurred during data reception.	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Receive data error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the communication setting and communication wiring is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Coordinate conversion error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Position type variable access error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Failed to store the area.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Measurement item setting error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			12	Tag setting error	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			48	Wait status table FULL	Communication error	(1)Reset the alarm. (2)If the alarm occurs again, check the setting of communication or transmission side data is correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4126	CANNOT EXECUTE AUTO PMT	An error occurred when execution of auto PMT.	1	System error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	PBOX cannot be edited.	Setting error	(1)Reset the alarm. (2)Check the following setting. ·I/O status of the edit prohibit signal The edit prohibit signal cannot input.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The source job cannot be edited.	Setting error	(1)Reset the alarm. (2)Check the following setting. ·The prohibit status of source job If the source job is protected from editing, it cannot be edited.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The converted job cannot be edited.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The prohibit status of converted job If the converted job is protected from editing, it cannot be edited.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	The memory area for job area is insufficient.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete unused jobs. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. In that case, delete the unused jobs. (4)If the error occurs again though the previous measures were executed, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The source job is not exist.	Setting error	Check the following settings. -Presence of the specified source job The job which does not exist cannot be set to the source job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The memory area for position data of the job is insufficient.	Software operation error occurred	(1)Reset the alarm. (2)When the error occurs again, if there is an unnecessary teaching position, delete it. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. In that case, delete the unused jobs. (4)If the error occurs again though the previous measures were executed, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The job under execution is specified as the conversion job.	Setting error	(1)Reset the alarm. (2)Check the following settings. -Execution status of the source job -Execution status of the converted job The job under execution is specified for the source / converted job. Execute conversion operation after ending the job execution.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4128	ARC MONITOR ERROR	An error occurred when arc monitor was in execution.	1	Monitor ON was executed in Monitor ON.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·Arc monitor ON status Arc monitor ON cannot be executed during arc monitor ON. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				Analog CH specification or register specification is not exist.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·Analog CH specification ·Register specification Analog CH specification or register specification is required. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10		Setting error	(1)Reset the alarm. (2)Check the following settings. ·Analog CH specification ·Register specification Analog CH specification or register specification is required. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	
			11	The number of samplings exceeds the set value.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The number of samplings The number of sampling is too much. Confirm the monitor ON/OFF status. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	
4129	TWIN DRIVE OUT OF RANGE(START)	When the twin drive started, the error value of the pulse between the master-axes and the slave-axes exceeded the allowable range.		Sub Code: Corresponding master-axes and slave-axes are displayed by the bit.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·Pulse error of the master-axes and the slave-axes Switch to independent movement mode so that the pulse error of the master-axes and the slave-axes is settled within allowable range. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	
4130	NETWORK APPLICATION PROCESS ERROR	An error occurred when the Ethernet function was used.	1	An error occurred when the notification of the APP task re-initialization was processed in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			2	An error occurred when the re-initialization response was received in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			3	The incomplete task of re-initialization was unsuccessfully completed in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			4	An error occurred when the semaphore for re-initialization was received in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			5	An error occurred when the re-initialization mail was sent in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			6	An error occurred in the exclusive process of the storage area control table of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			7	Time-out occurred in the re-initialization response receiving process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			8	An error occurred in the re-initialization response receiving process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9	Receiving data size error occurred in the re-initialization process of the Ethernet function.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			30	An error occurred in the Web server task mail receiving process of the Ethernet function.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			31	An error occurred in the FTP server task mail receiving process of the Ethernet function.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			32	An error occurred in the FTP client task mail receiving process of the Ethernet function.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			40	Illegal e-mail data were received in the Web server task of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			41	Illegal e-mail data were received in the FTP server task of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			42	Illegal e-mail data were received in the FTP client task of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			50	An error occurred in the data size written to PCI of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			51	An error occurred when the request to write PCI data was received in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			52	The request of the undefined transmission was received in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			53	An error occurred in the transmission request of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			54	The transmission request without data was received in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			55	The transmission request of illegal data length was received in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			60	Illegal mail data were received in the DNS task of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			61	Illegal mail data was transmitted in the DNS task of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			100	An error occurred in storing process of memory which is used in the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			101	An error occurred in the buffer for request to write PCI getting process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			200	The socket of the Ethernet function was full and was not able to create a socket.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			201	An error occurred in the semaphore of socket control table of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
4131	UDP PROCESS ERROR	An error occurred in the UDP process of the Ethernet function.	1	An error occurred in the creation of receiving socket during the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			2	An error occurred in the creation of transmission socket during the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			3	Illegal data were received in the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			4	Transmission error occurred in the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			5	The SELECT operation was not successfully completed in the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			100	The re-initialization notification of illegal data length was received in the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			101	The re-initialization notification of illegal data was received in the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			102	The PCI write process was not successfully completed in the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			103	The transmission request of illegal data length was received in the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			104	The transmission request of illegal data was received in the UDP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
4132	TCP PROCESS ERROR	An error occurred in the TCP process of the Ethernet function.	1	The socket table was not successfully created in the TCP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			2	An error occurred in the process of the TCP server initialization of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			3	An error occurred in connection detecting process of TCP server of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			4	An error occurred in the connection detection checking process of TCP server of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
4134	COOLING FAN SET ABNORMAL	Cooling fan setting parameter disabled	0		Setting error	(1)Reset the alarm. (2)Check the following settings. ·Confirm parameter SVS and S2C for the cooling fan. ·Open the front panel to refer to the parameter list on the back.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4135	TOYOPUC RUN STOP	TOYOPUC is in stopped state.	0		Setting error	(1)Reset the alarm. (2)Check the following settings. ·Use the PCwin, etc. to run the TOYOPUC.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4136	TOYOPUC MAJOR ERROR	An error occurred in the PCI bus communication processing of the TOYOPUC.	0	The PCI bus state of the TOYOPUC turns to "ER".	Setting error	(1)Reset the alarm. (2)Check the following settings. ·OFF/ON status of the remote ·OFF/ON status of the power supply Turn OFF and back ON the remote or power supply. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4137	WRONGEXECUTION OF SETUJALM INST	An error occurred at SETUJALM instruction execution.	1	Alarm code specification error	Setting error	(1)Reset the alarm. (2)Check the following settings. ·Alarm code Specify the alarm in the range 8000 to 8999. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Task specification error	Setting error	(1)Reset the alarm. (2)Check the following settings. ·Task specification Specify the task in the range 0 to 15. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Motion mode specification error	Setting error	(1)Reset the alarm. (2)Check the following settings. ·Motion mode specification Set the motion mode to 0 or 1. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Alarm num error	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4138	WRONGEXECUTION OF SVON INST	An error occurred at SVON instruction execution.			Connection failure	(1)Reset the alarm. (2)Check the following settings. ·Short-circuit the external servo ON (EXSVON) of MXT terminal block.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Setting error	(1)Reset the alarm. (2)Check the following settings. ·The concurrent I/O signal #80031 (servo ON condition1) ON ·The concurrent I/O signal #80033 (servo ON condition2) ON
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4139	WRONG EXECUTION OF PRINT INST	An error occurred at PRINT instruction execution.			Setting error	(1)Reset the alarm. (2)Check the following settings. ·The setting of the PRINT output conversion spec (character string specification) If there is no problem in the setting, delete the corresponding PRINT instruction and register again.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4140	WRONG EXECUTION OF DIALOG INST	An error occurred at DIALOG instruction execution.	1	DIALOG instruction control error	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The tag setting of DIALOG instruction If no fault is found, delete corresponding DIALOG instruction, and then register again.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Messages and buttons are not registered.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The information of DIALOG instruction message and button
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Buttons are not registered.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·The information of DIALOG instruction button
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4141	SNTP ERROR	An error occurred in the SNTP process of the Ethernet function.	1	The error on setting of time difference value occurred in the SNTP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			2	The error on setting of time-out value occurred in the SNTP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			3	The error on setting of reference interval value occurred in the SNTP process of the Ethernet function.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
			4	The IP address error occurred in the SNTP process of the Ethernet function.	Setting error	Check the following settings. ·The IP address of the SNTP server ·The DHCP server operation (if the DHCP is used) ·The network status (if the DHCP is used)

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Time-out occurred in the SNTP process of the Ethernet function.	Setting error	Check the following settings. · The SNTP server operation · The network status
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The server time is not synchronized in the SNTP process of the Ethernet function.	Setting error	Check the following settings. · The SNTP server operation · The network status
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The SNTP process of the Ethernet function is not compliant with the version that the server sent.	Setting error	Use the server compliant with the SNTP version 3.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Illegal parameters were found in the SNTP process of the Ethernet function.	Setting error	Check the following settings. ·SNTP setting
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	The SNTP process of the Ethernet function was not successfully completed.	Setting error	Check the following settings. ·SNTP setting
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The name resolution error occurred in the SNTP process of the Ethernet function.	Setting error	Check the following settings. ·The IP address of the SNTP server ·The DHCP server operation ?If the DHCP is used ·The network status ?If the DHCP is used

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The error on getting of server address occurred in the SNMP process of the Ethernet function.	Setting error	Check the following settings. · The DHCP server operation · The network status
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The server setting is incorrect in the SNMP process of the Ethernet function (for future use).	Setting error	Check the following settings. · SNMP setting
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4145	RELAY NO. ERROR(LADDER PROGRAM)	The relay number which was detected in the ladder program was out of range.	0	There is invalid relay number in the SYSTEM LADDER.	Setting error	Save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	There is invalid relay number in the USER LADDER.	Setting error	Set the security to management mode and compile the ladder program. If any error occurs, modify the invalid relay number to complete the compiling. Valid range General Input:00010 to 05127 General Output:10010 to 15127 External Input:20010 to 25127 External Output:30010 to 35127 Specific Input:40010 to 41607 Specific Output:50010 to 53007 I/F Panel Input:60010 to 60647 Auxiliary Relay:70010 to 79997 Control Input:80010 to 85127 Pseudo Input:87010 to 87207 Network Input:27010 to 29567 Network output:37010 to 39567
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4146	ENCDR PWR CIRCUIT PROTECTOR TRIP	An error was detected in the encoder power circuit protector.	1	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Incorrect setting	Check the following settings. ·Turn ON the circuit protector.
					Short circuit or ground fault	(1)Turn the power OFF then back ON. (2)If the alarm occurs again even after turning ON the circuit protector, check encoder power line if there is a ground fault or short circuit.
					Unit failure	Replace the motor or encoder to which the power is supplied.
					Parts failure	Replace the circuit protector.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Incorrect setting	Check the following settings. ·Turn ON the circuit protector.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Short circuit or ground fault	(1) Turn the power OFF then back ON. (2) If the alarm occurs again even after turning ON the circuit protector, check encoder power line if there is a ground fault or short circuit.
					Unit failure	Replace the motor or encoder to which the power is supplied.
					Parts failure	Replace the circuit protector.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Sub Code 1 to 8: Signifies the SDCA01 board No. in which the alarm occurred	Incorrect setting	Check the following settings. · Turn ON the circuit protector.
					Short circuit or ground fault	(1) Turn the power OFF then back ON. (2) If the alarm occurs again even after turning ON the circuit protector, check encoder power line if there is a ground fault or short circuit.
					Unit failure	Replace the motor or encoder to which the power is supplied.
					Parts failure	Replace the circuit protector.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Sub Code 1 to 8: Signifies the SDCA01 board No. in which the alarm occurred	Incorrect setting	Check the following settings. · Turn ON the circuit protector.
					Short circuit or ground fault	(1) Turn the power OFF then back ON. (2) If the alarm occurs again even after turning ON the circuit protector, check encoder power line if there is a ground fault or short circuit.
					Unit failure	Replace the motor or encoder to which the power is supplied.
					Parts failure	Replace the circuit protector.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Sub Code 1 to 8: Signifies the SDC-A01 board No. in which the alarm occurred	Incorrect setting	Check the following settings. · Turn ON the circuit protector.
					Short circuit or ground fault	(1) Turn the power OFF then back ON. (2) If the alarm occurs again even after turning ON the circuit protector, check encoder power line if there is a ground fault or short circuit.
					Unit failure	Replace the motor or encoder to which the power is supplied.
					Parts failure	Replace the circuit protector.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Sub Code 1 to 8: Signifies the SDC-A01 board No. in which the alarm occurred	Incorrect setting	Check the following settings. · Turn ON the circuit protector.
					Short circuit or ground fault	(1) Turn the power OFF then back ON. (2) If the alarm occurs again even after turning ON the circuit protector, check encoder power line if there is a ground fault or short circuit.
					Unit failure	Replace the motor or encoder to which the power is supplied.
					Parts failure	Replace the circuit protector.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Sub Code 1 to 8: Signifies the SDC-A01 board No. in which the alarm occurred	Incorrect setting	Check the following settings. · Turn ON the circuit protector.
					Short circuit or ground fault	(1) Turn the power OFF then back ON. (2) If the alarm occurs again even after turning ON the circuit protector, check encoder power line if there is a ground fault or short circuit.
					Unit failure	Replace the motor or encoder to which the power is supplied.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Parts failure	Replace the circuit protector.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Sub Code 1 to 8: Signifies the SDC-A01 board No. in which the alarm occurred	Incorrect setting	Check the following settings. · Turn ON the circuit protector.
					Short circuit or ground fault	(1) Turn the power OFF then back ON. (2) If the alarm occurs again even after turning ON the circuit protector, check encoder power line if there is a ground fault or short circuit.
					Unit failure	Replace the motor or encoder to which the power is supplied.
					Parts failure	Replace the circuit protector.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4147	USER COORD EDIT ERROR	An error occurred during the editing operation of the user coordinates file.			Data error	(1) Reset the alarm. (2) If the alarm occurs again, initialize the user coordinates file in maintenance mode, and then load the user coordinates file saved in the external memory device.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4148	TRACELV ERROR	An error occurred during the execution of TRACELV instruction.		Trace level value is abnormal.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4149	TRACE ERROR	An error occurred during the execution of TRACE instruction.	0	Trace data is abnormal.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	Time stamp value is abnormal.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Trace level value is abnormal.	Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Abnormal variable is specified.	Setting error	Check the following setting; .TRACE instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Exceeded the maximum trace number.	Trace error	Execute TRACESAVE or TRACERST.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4152	TIMING BELT BLOWN	The timing belt of manipulator is blown.	1	The SDCA01 board # 1 generates an alarm.	Manipulator timing belt is blown.	Move the manipulator in teach mode to the position where there is no torque on the driving belt. (1) Check the timing belt tension. (2) Check the wiring between manipulator and the machine safety unit (ASF01 board).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The SDCA01 board # 2 generates an alarm.	Manipulator timing belt is blown.	Move the manipulator in teach mode to the position where there is no torque on the driving belt. (1) Check the timing belt tension. (2) Check the wiring between manipulator and the machine safety unit (ASF01 board).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	The SDCA01 board # 3 generates an alarm.	Manipulator timing belt is blown.	Move the manipulator in teach mode to the position where there is no torque on the driving belt. (1) Check the timing belt tension. (2) Check the wiring between manipulator and the machine safety unit (ASF01 board).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The SDCA01 board # 4 generates an alarm.	Manipulator timing belt is blown.	Move the manipulator in teach mode to the position where there is no torque on the driving belt. (1) Check the timing belt tension. (2) Check the wiring between manipulator and the machine safety unit (ASF01 board).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The SDCA01 board # 5 generates an alarm.	Manipulator timing belt is blown.	Move the manipulator in teach mode to the position where there is no torque on the driving belt. (1) Check the timing belt tension. (2) Check the wiring between manipulator and the machine safety unit (ASF01 board).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The SDCA01 board # 6 generates an alarm.	Manipulator timing belt is blown.	Move the manipulator in teach mode to the position where there is no torque on the driving belt. (1) Check the timing belt tension. (2) Check the wiring between manipulator and the machine safety unit (ASF01 board).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The SDCA01 board # 7 generates an alarm.	Manipulator timing belt is blown.	Move the manipulator in teach mode to the position where there is no torque on the driving belt. (1) Check the timing belt tension. (2) Check the wiring between manipulator and the machine safety unit (ASF01 board).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8	The SDCA01 board # 8 generates an alarm.	Manipulator timing belt is blown.	Move the manipulator in teach mode to the position where there is no torque on the driving belt. (1) Check the timing belt tension. (2) Check the wiring between manipulator and the machine safety unit (ASF01 board).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4153	COOLING UNIT ERROR	An error was detected in the cooling unit.	1	The SDCA01 board # 1 generates an alarm.	Unit failure	Refer to the instruction manuals for the cooling unit in use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The SDCA01 board # 2 generates an alarm.	Unit failure	Refer to the instruction manuals for the cooling unit in use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The SDCA01 board # 3 generates an alarm.	Unit failure	Refer to the instruction manuals for the cooling unit in use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The SDCA01 board # 4 generates an alarm.	Unit failure	Refer to the instruction manuals for the cooling unit in use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The SDCA01 board # 5 generates an alarm.	Unit failure	Refer to the instruction manuals for the cooling unit in use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The SDCA01 board # 6 generates an alarm.	Unit failure	Refer to the instruction manuals for the cooling unit in use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The SDCA01 board # 7 generates an alarm.	Unit failure	Refer to the instruction manuals for the cooling unit in use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Unit failure	Refer to the instruction manuals for the cooling unit in use.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The SDCA01 board # 8 generates an alarm.	Unit failure	Refer to the instruction manuals for the cooling unit in use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4154	COOLING FAN ERROR (DOOR)	An error occurred in the cooling fan on the front door.	1	The SDCA01 board # 1 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The SDCA01 board # 2 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The SDCA01 board # 3 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The SDCA01 board # 4 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The SDCA01 board # 5 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The SDCA01 board # 6 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The SDCA01 board # 7 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The SDCA01 board # 8 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4155	COOLING FAN ERROR (BACKSIDE)	An error occurred in the backside cooling fan.	1	The SDCA01 board # 1 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Power voltage drop	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The SDCA01 board # 2 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The SDCA01 board # 3 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	The SDCA01 board # 4 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The SDCA01 board # 5 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The SDCA01 board # 6 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7	The SDCA01 board # 7 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The SDCA01 board # 8 generates an alarm.	Connection failure	(1)Reset the alarm. (2)Check the connection and insertion of the cable and connector for the cooling fan.
					Power voltage drop	(1)Reset the alarm. (2)Check if the primary power voltage is normal.
					Dirt	(1)Reset the alarm. (2)Clean the cooling fan and the fan duct.
					Unit failure	(1)Reset the alarm. (2)Replace the malfunctioning cooling fan with a new one.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4156	COOLING FAN4 ERROR	The rotation speed of the cooling fan 4 with alarm sensor connected to the YIU unit decreased.		Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Cooling fan failure	(1)Reset the alarm. (2)Replace the cooling fan of manipulator. Check the wiring from a manipulator to a servo board. * Move the manipulator to the safe position in the teach mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4192	TRACE FILE ERROR	An error occurred during the access to a TRACE file data	0	TRACE file generation error	Connection failure	(1)Reset the alarm. (2)Check the connection status of the USB in the YRC1000 controller and its available memory.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	TRACE file open error	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	TRACE file writing error	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	TRACE file close error	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	TRACE file number error	Trace error	Delete the trace files generated today from the USB on the YRC1000 controller.
			5	TRACE file index error	Trace error	Review the name of the trace files generated today in the USB on the YRC1000 controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4193	DATABASE ACCESS ERROR(PAINT)	An error occurred while accessing the database.	0	The specified database doesn't exist.	Setting error	Check the setting of the following item; · Database number
			1	Cannot access the specified database.	Database error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Delete the database file in the USB installed to the YRC1000 controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4194	3D TRACE BUFFER OVERFLOW	An error occurred in the tracing function of 3D graphic function.		There is not enough space for 3D trace buffer.	Setting error	Adjust the parameter: 3D trace sampling cycle: S3C1325.
4197	INCORRECT SAFETY LOGIC CIRCUIT	An error occurred in the safety logic circuit function.		Subcode means the number of incorrect circuit.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Check the safety logic circuit setting. (2)Check the safety functions setting in maintenance mode.
4200	SYSTEM ERROR(FILE DATA)	An error occurred during the access to file data (during file edition or external memory device operation).		Sub code 01 to 50: Signifies the internal software error	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, turn the controller power OFF and then ON to check the operation. (3)If the alarm occurs again, initialize the appropriate data in maintenance mode, and then load the data saved in the external memory device.
4201	SYSTEM ERROR(JOB)	An error occurred when accessing the job data of MOTION section.	-1	An error occurred during the access a job in parameter specifications.	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-2	Access time exceeded the limit during the access to a job.	Software operation error occurred	

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-3	The access to a job could not be performed with the specified job name.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-4	A job was newly created with the same name of the job already specified in the memory.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-5	A job was newly created with the same name of the job already specified in the memory.	Software operation error occurred	
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Delete unused jobs.
			-6	The allowable job registration area (memory) was exceeded.	Setting error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-7	A job that did not exist in the memory was specified.	Software operation error occurred	
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-8	An attempt was made to change the contents for the job prohibited from being edited.	Setting error	Release the prohibition.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-9	An error occurred during the access to a job in handle value.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-10	An error occurred in job data control system.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-11	An error occurred in sequence number of the accessed job.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-12	An error occurred in step number of the accessed job.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			-13	A job specified at job search did not exist in the memory.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-14	There was an instruction that did not exist in a job because of inconsistency of the system software.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-16	Unused handles were lacking when an attempt was made to open a job.	Software operation error occurred	Reset the alarm, and then try again.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-18	The number of instructions added to a job exceeded 9999.	Setting error	Delete unnecessary instructions and add new instructions again.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-19	The number of steps added to a job exceeded 9999.	Setting error	Delete unnecessary steps and add new steps again.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-22	Job information was not able to be expanded.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			-23	Job information was not able to be acquired.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-24	An error occurred in cluster control.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-25	Failed to read the cluster information.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-26	Heap area could not be obtained.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-27	The target for change is the line where editing is prohibited or the comment-out line.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, deactivate the prohibit setting for the target line or delete the comment-out line.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			-28	The marker job was incorrectly changed.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-90	The configuration data is damaged.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-91	The FAT area is damaged.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-92	A job data in the memory was destroyed.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4202	SYSTEM ERROR(JOB)	This alarm occurs if abnormal internal data is detected during the access to the job data of operating/editing software.	1	An error occurred in parameter specifications for the access to a job .	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Access time exceeded the limit during the access to a job.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Unapproved characters are used for a job name.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	A job was newly created with the same name of the job already specified in the memory.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	A job was newly created with the same name of the job already specified in the memory.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The allowable job registration area (memory) was exceeded.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete unused jobs. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. In that case, delete the unused jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	A job that did not exist in the memory was specified.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	An attempt was made to change the contents for the job prohibited from being edited.	Setting error	Check the following settings. -Setting of EDIT LOCK in JOB header screen If the job is protected from editing, release the prohibition.
					Software operation error occurred	(1)Reset the alarm. (2)If you edit this job, release the prohibition. (3)If the error occurs again, delete the job where the alarm occurred. (4)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	An attempt was made to change the contents for the job prohibited from being edited.	Setting error	Check the following settings. -Setting of EDIT LOCK in JOB header screen If the job is protected from editing, release the prohibition.
					Software operation error occurred	(1)Reset the alarm. (2)If you edit this job, release the prohibition. (3)If the error occurs again, delete the job where the alarm occurred. (4)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	An error occurred in job data control system.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			11	An error occurred in sequence number of the accessed job.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	An error occurred in step number of the accessed job.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	A job specified at job search did not exist in the memory.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	There was an instruction that did not exist in a job because of inconsistency of the system software.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	Unused handles were lacking when an attempt was made to open a job.	Setting error	Check the following settings. ·The number of call job stacks Set the job configuration that decreases the number of call job stacks.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	The number of instructions added to a job exceeded 9999.	Setting error	Check the following settings. ·The number of steps in job Delete unnecessary instructions in job and add new instructions.
					Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	The number of steps added to a job exceeded 9999.	Setting error	Check the following settings. ·The number of steps in job Delete unnecessary steps in job and add new steps.
					Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	A job was newly created with the same name of the undefined job already specified in the memory.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			22	Failed to expand job information during the access to a job.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	The accessed job was not opened.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	An error occurred in the cluster control process of the accessed job.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	An error occurred when reading the cluster information of the accessed job.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	Failed to acquire the necessary memory area during the access to a job.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			27	An attempt was made to change the contents for the line prohibited from being edited or the commented-out line.	Setting error	(1)Reset the alarm. (2)Cancel the LINE EDIT LOCK/COMMENT OUT settings of target lines in JOB CONTENTS screen.
					Software operation error occurred	(1)Reset the alarm. (2)Cancel the LINE EDIT LOCK/COMMENT OUT settings of target lines in JOB CONTENTS screen. (3)If the error occurs again, delete the line where the alarm occurred. (4)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			28	The marker job was incorrectly changed.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			90	The configuration information for job data control is damaged.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			91	The FAT information for job data is damaged.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			92	A job data was destroyed.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			99	A job data in the memory was destroyed.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4203	SYSTEM ERROR(POSITION DATA)	An data error occurred during the access to position data of MOTION section.	-1	The memory area for position data is lacking at the initialization of the position data control process.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-2	The number of axes for all the control groups is zero at the initialization of the position data control process.	Software operation error occurred	Reset the alarm, and then try again.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-3	The number of axes for position data is zero.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-4	The number of stored position data exceeded the maximum stored data at the initialization of the position data control process.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-5	The memory size of the position data exceeded the maximum memory size at the initialization of the position data control process.	Software operation error occurred	
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-6	Unused position data file is destroyed.	Software operation error occurred	
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-7	Unused position data file does not exist.	Software operation error occurred	
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-8	Position data file is destroyed.	Software operation error occurred	
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-9	Position data control information is destroyed.	Software operation error occurred	

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-10	An error occurred in specified position data number.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-11	Position data is not registered.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-12	An attempt was made to access the undefined position data.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-13	An attempt was made to access the position data for the undefined control group.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			-14	Position data control is not initialized.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-15	The number of axes for the control groups exceeded the limit.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-16	An error occurred in exclusive control during the position data control process.	Software operation error occurred	Reset the alarm, and then try again.
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-17	An error occurred in exceptional control during the position data control process.	Software operation error occurred	
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
			-20	Inconsistency of data.	Software operation error occurred	
					AIF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					ACP01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4204	SYSTEM ERROR(POSITION DATA)	This alarm occurs if abnormal internal data is detected during the access to position data.	1	The number of axes for all the control groups is zero at the initialization of the position data control process	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The number of axes for all the control groups is zero at the initialization of the position data control process	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The number of axes for position data is zero.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The number of stored position data exceeded the maximum stored data at the initialization of the position data control process.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The memory size of the position data exceeded the maximum memory size at the initialization of the position data control process.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Unused position data file is destroyed.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Unused position data file does not exist.	Setting error	Check the following settings. ·The number of steps in job (position data) Delete unnecessary position data in job and add new position data.
					Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Position data file is destroyed.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Position data control information is destroyed.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			10	An error occurred in specified position data number.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
			11	Position data is not registered.	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Teaching of alarm occurred point ·Teaching the point where alarm occurred.
					Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	An attempt was made to access the undefined position data.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	An attempt was made to access the position data for the undefined control group.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			14	Position data control is not initialized.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	The number of axes for the control groups exceeded the limit.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	An error occurred in exclusive control during the position data control process.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	An error occurred in exceptional control during the position data control process.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	Undefined position exists.	Software operation error occurred	(1)Reset the alarm. (2)If the error occurs again, delete the job where the alarm occurred. (3)If the error occurs again after the previous measures were executed, initialize the job file in the maintenance mode, and then load the saved job file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4206	SYSTEM ERROR(TRANSMISSION ON)	An error occurred in data transmission.		Sub Code 1 to 4: Signifies the internal software error during data transmission.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4207	SYSTEM ERROR(MOTION)	A system error occurred in MOTION section.	1	An interrupt undefined in the main command from the system control section occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An interrupt undefined in the sub command from the system control section occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The interrupt command that was sent previously from the system control section is being processed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	An error was detected in the interrupt command data from the system control section.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	An undefined command was detected in the sub segment task of MOTION section.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	An undefined command was detected in the servo-related processing of MOTION section.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	An undefined command was detected in the offline processing task of MOTION section.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	An undefined command was detected in the utility task of MOTION section.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Task Token is not generated.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			11	Mail-box Token is not generated.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	Semaphore Token is not generated.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	RMS receiving data error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	RMS sending data error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	RMS receiving unit error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	Task generation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	Mail-box generation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	Semaphore generation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	TCB area overflow	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	Stack area overflow	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	Mail-box area overflow	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			25	Semaphore area overflow	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	Interrupt main command error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	Incorrect control group designation	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	Offline bank semaphore reception error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	m_gen_area semaphore reception error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			36	Offline HA processing timeout	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			37	DM_BANK flag error (DM_BANK conversion processing)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			38	S -> M offline processing command type error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			39	Function specification error in the data transmission to the sensor board	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			40	Error in designation of application in the request of general-purpose data preset for each application.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			45	Mail-box of sequence task is not ready.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			46	Control-group usage undefined	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			47	Segment task polling command error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			48	Physical axis number error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			49	The control group impossible to release the brake	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	Sub-segment request FULL	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	Sub-segment process timeout	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	Data latch request FULL	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			53	Data latch process timeout	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	AXIS command request FULL	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			55	AXIS command process timeout	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			56	Positioning monitor request FULL	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			57	Positioning monitor process timeout	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			58	Failed AXIS servo OFF command request during category1 emergency stop	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			59	AXIS servo OFF command execution system not set during category1 emergency stop	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			61	Conversion primary expression for Power Source command <-> EW command not prepared	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			62	Duplicated request error during master control-group tracking	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			63	GVM shared resource semaphore error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			64	Job queue DEQUE error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			65	Conversion primary expression for painting device command <-> EW command not prepared	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			66	Execution system decision table not set	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			67	Unknown mode data (Without TEACH/PLAY mode data)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			68	Shift-value output timeout of the general-purpose sensor	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			69	Interrupt main status set	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			71	System number error at the master side in twin synchronous system	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			72	No data link added to the command	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			73	Setting status error of the user coordinates file	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			75	Previous path data reference error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			76	Target position preparation error in arc-retry shift motion mode	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			79	Inner track zone status error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			80	Instruction queue and instruction system data area overflow	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			81	Offline answer bank flag error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			82	Path and trace queue ENQUEUE error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			83	Pending and block end request FULL	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			84	Base axis file type error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			85	Output buffer SYSICON for automatic test data in use	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			86	Conversion completion status for AXIS section feedback latch data not established	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			88	File C1 through C3 for calibration between manipulators not set	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			89	File C1 through C3 for conveyor calibration not set	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			90	HA function error (conv_pos_data())	Setting error	Check the following settings. ·Correct the job so that the target position data is within the motion range. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			91	HA function error (conv_shift_data())	Setting error	Check the following settings. ·Correct the job so that the target position data is within the motion range. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			94	HA function error (conv_pulse_to_angle())	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			95	HA function error (pr_atinf_pos_make())	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			97	HA function error (get_gun_ctrl_ori_angle())	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			98	HA function error (make_conv_frm_data())	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			99	HA function error (calc_dist_pos())	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			100	Control-group axis configuration information parameter error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	Error in the parameter for the table for physical axes	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	Error in the parameter for the table for physical TU	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	Excessive number of control group axes in use	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	JOG and PLAY maximum speed setting parameter error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	Reduction ratio setting parameter error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			106	feedback PPR setting parameter error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			121	Job argument stack overflow	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			122	Job argument stack underflow	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			123	Designation error of the fetched feedback pulse area at preparation of current value	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			128	Timeout for waiting permission to modify the number of averaging times	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			129	Object undefined for CLEAR instruction	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			130	No space in RT_BANK setting area for correction-amount data	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			131	Queue operation error for variable write-in history at prereading (at ENQUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			132	Queue operation error for variable write-in history at prereading (at DEQUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			133	Queue operation error for variable write-in history at prereading (undefined operation)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			134	Queue operation error for variable write-in history at prereading (data length too long)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			135	Queue operation error for score-board setting history (at ENQUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			136	Queue operation error for score-board setting history (at DEQUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			137	Queue operation error for score-board setting history (undefined operation)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			138	Queue operation error for score-board setting history (data length too long)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			139	Queue operation error for instruction execution (at ENQUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			140	Queue operation error for instruction execution (at DEQUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			141	Queue operation error for instruction execution (undefined operation)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			142	Queue operation error for instruction execution (data length too long)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			143	Queue operation error for WORK ID conveyor (at ENQUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			144	Queue operation error for WORK ID conveyor (at DEQUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			145	Queue operation error for WORK ID conveyor (undefined operation)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			146	Queue operation error for WORK ID conveyor (data length too long)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			147	Queue operation error for WORK IN/OUT checking conveyor (at ENQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			148	Queue operation error for WORK IN/OUT checking conveyor (at DEQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			149	Queue operation error for WORK IN/OUT checking conveyor (undefined operation)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			150	Queue operation error for WORK IN/OUT checking conveyor (data length too long)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			151	Queue operation error for waiting for semaphore for LOCK instruction (at ENQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			152	Queue operation error for waiting for semaphore for LOCK instruction (at DEQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			153	Queue operation error for waiting for semaphore for LOCK instruction (undefined operation)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			154	Queue operation error for waiting for semaphore for LOCK instruction (data length too long)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			161	Functional safety command request is full.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			162	Functional safety command request is latency over.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			163	Transfer data overflow in functional safety readback data.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			164	PFL command request is full.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			165	PFL command request is latency over.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			166	Transfer data overflow in PFL readback data.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			221	Transfer data overflow in offline data bank	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			222	Impossible to execute system exclusive for system job	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			223	Event queue number range exceeded	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			224	No motor-gun control group for ESRCH instruction	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			225	The number of WORK ID data and the MAX. WORK FIND COUNT unmatched (MOTION ≠ CV)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			226	The number of WORK IN/OUT data and the MAX. WORK FIND COUNT unmatched (MOTION ≠ CV)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			227	Excessive number of scheduling for execution of instructions	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			228	Instruction execution scheduling impossible	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			229	Illegal 1st-line move instruction at execution of +SMOV instruction	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			230	Impossible to execute the slave circular interpolation and the master circular interpolation at the same time	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			231	Impossible to execute the slave spline interpolation and the master spline interpolation at the same time	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			232	Illegal index value for a +MOVx instruction	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			233	No xth-line move instruction exists where the master control group belongs.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			234	Marking error for WORK ID conveyor queue (empty queue)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			235	Marking error for WORK IN/OUT conveyor queue (empty queue)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			236	Data error 1 at restarting after an emergency stop (actual status and the data status unmatched)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			237	Data error 2 at restarting after an emergency stop (actual status and the data status unmatched)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			238	Data error 3 at restarting after an emergency stop (actual status and the data status unmatched)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			239	Timeout for receiving segment data output request	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			240	The number which designates the setting area of correction amount in RT_BANK exceeded the limit value.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			241	Task error of the function calling source (cv_sync_intr ())	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			242	No control group for motor gun for clearance move instruction	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			243	Motor gun condition file number error (including gun pressure file)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			244	GETTOOLW manipulator designation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			245	Overflow of entry number for instruction execution	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			246	Data latch processing (function number overflow)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			247	Data latch processing (real-time status number overflow)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			248	Failed to set a timer unit. (No allocation space for timer unit setting)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			249	Segment data missing (seg_t_req was not received in time.)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			250	GETS instruction internal error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			251	SETFILE undefined file	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			252	GETFILE undefined file	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			253	The parameter was destroyed when a GETPRM instruction was executed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			254	Null pointer assignment detected	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			255	Function or other processing parameter error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			260	Arithmetic answer is not set at prereading (ADV_HA_ANS.flag == OFF)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			261	Heap area obtainment failure (A_BANK)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			262	Heap area obtainment failure (C_BANK)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			263	Heap area obtainment failure (Instruction queue)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			264	Heap area obtainment failure (Path/trace queue)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			265	Heap area obtainment failure (IF-Express descriptor)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			270	Error in setting impedance control mode.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			271	Error in releasing impedance control mode.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			279	Specified MSS system instance is not generated.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			280	API error(HDAS_get_alias_name())	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			284	GA generation number is over the limit.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			285	GA gene number is over the limit.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			286	GA initial generation number setting error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			287	GA control group error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			288	Learning control analysis error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			290	HA function error (get_svspot_nitch_data())	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			291	Paint instruction internal error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			292	Paint recover control error (Paint Gun parameter error)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			293	Paint recover control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			294	Job completion time over	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			295	Servo simulator averaging time change error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			310	Synchronized queue operation error for WORK ID conveyor (at ENQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			311	Synchronized queue operation error for WORK ID conveyor (at DEQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			312	Synchronized queue operation error for WORK ID conveyor (undefined operation)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			313	Synchronized queue operation error for WORK ID conveyor (data length too long)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			314	Synchronized queue operation error for WORK IN/OUT checking conveyor (at ENQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			315	Synchronized queue operation error for WORK IN/OUT checking conveyor (at DEQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			316	Synchronized queue operation error for WORK IN/OUT checking conveyor (undefined operation)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			317	Synchronized queue operation error for WORK IN/OUT checking conveyor (data length too long)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			318	Synchronized queue operation error for WORK ID conveyor or WORK IN/OUT conveyor (at DEQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			319	Synchronized queue empty error for WORK ID conveyor (at execution of CVQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			320	Synchronized queue empty error for WORK IN/OUT conveyor (at execution of CVQUEUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			330	P-PLC suspend err	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			331	P-PLC suspend err	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			332	P-PLC suspend seq err	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			333	P-PLC suspend seq no err	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			334	P-PLC suspend seq no err	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			340	PSTRIG suspend err	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			341	PSTRIG suspend err	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			342	PSTRIG suspend seq err	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			360	Timing Control queue operation (at DEQUE)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			500	SL undefined interrupt command (main command)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			501	SL undefined interrupt command (sub command)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			502	Previous SL interrupt command processing	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			503	SL interrupt command data error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			999	Arithmetic section error (segment data all zero timeout)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000	System clock (RTC) setting error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1001	System task priority arrangement error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1002	VxWorks primitive error (msgQCreate)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1003	VxWorks primitive error (msgQSend)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1005	VxWorks primitive error (semBCreate)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1007	VxWorks primitive error (semTake)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1008	VxWorks primitive error (msgQSend) Message queue is full.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1100	Failed system job environment configuration	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000	Failed system job environment configuration	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4208	SYSTEM ERROR(ARITH)	A system error occurred in ARITH.	1	Prereading task is not completed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The averaging buffer in the arithmetic section is destroyed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	No previous bank exists.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The answer bank flag is ON.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	An error occurred in preparation of current position.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Mails could not correctly be received in the current task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Spline-curve path designation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The previous bank's prereading conversion could not correctly be completed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	A manipulator designation error occurred at JOG operation using the external reference point.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	Designation error of cubic interference coordinates	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	Path control position data error of prereading bank	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			16	Station/base axis motion command error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	User coordinates number error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	Processing error in re-preparation of segment control data	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	Prereading task not completed at master in twin synchronous system	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	Dynamic model arithmetic error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	Speed limit control error (excessive moment of gravity)	Setting error	Check the following settings. ·The allowable breaking torque was exceeded only by the gravity moment. Set the gravity value of the tool within payload of the manipulator. ·Teach the manipulator orientation that does not become the overload for each-axes of the manipulator. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	Square root of a negative number	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	The system number is not set at master in twin synchronous system.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			29	FORMCUT internal control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	Arm interference check error (radius data referencing mistake)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			31	Arm interference check error (miscalculation using direct kinematics)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	Arm interference check error (L-axis expansion flag setting error)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	Arm interference check error (check-point re-setting error)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	Impossible to edit the averaging buffer (zero division)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	No master-group is designated at preparation of master-tool user coordinates.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			41	Pulse linked JOG function error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			42	Special JOG operation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			44	Segment overless: Segment excessive error	Setting error	The teaching position cannot hold down the speed by the segment overless function. Reduce the teaching speed of the job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			45	Segment overless: Path calculation repeat error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			47	Play path control: initialization error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			48	Play path control: continue process error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			49	Play path control: Step continuous initialization error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	Play path control: step continuous motion execution process error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	Approximation model internal control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			55	Pair coordinate system position calculation function error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			56	OPT higher acceleration and deceleration control is not allowed when Function acceleration and deceleration control is enabled.	Setting error	Check the following settings. ·OPT higher acceleration and deceleration control is used. ·Don't use the OPT higher acceleration and deceleration control.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			57	Arithmetic error occurred when calculating the acceleration and deceleration time (Function acceleration and deceleration control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			58	Arithmetic error occurred when recalculating the acceleration and deceleration time (Function acceleration and deceleration control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			59	Arithmetic error occurred when calculating PL control (Function acceleration and deceleration control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			60	Arithmetic error occurred when calculating Function acceleration and deceleration dry run.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			61	Arithmetic error occurred when calculating current path of continuous motion stop operation	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			62	Arithmetic error occurred when calculating next path of continuous motion stop operation	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			63	Arithmetic error occurred when calculating acceleration time when continuous motion in the prereading processing	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			64	Arithmetic error occurred when calculating deceleration time when continuous motion in the prereading processing	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			65	Arithmetic error occurred when calculating acceleration and deceleration time when teaching.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			66	Arithmetic error occurred when calculating acceleration and deceleration time for plucking in prereading processing 1	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			67	Arithmetic error occurred when calculating acceleration and deceleration time for plucking in prereading processing 2	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			68	Arithmetic error occurred when calculating acceleration and deceleration time for plucking in prereading processing 3	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			69	Arithmetic error occurred when calculating acceleration and deceleration time for plucking in prereading processing 4	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			70	Arithmetic error occurred when calculating acceleration and deceleration for PL control plucking in prereading processing 1	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			71	Arithmetic error occurred when calculating acceleration and deceleration for PL control plucking in prereading processing 2	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			72	Arithmetic error occurred when calculating acceleration and deceleration for plucking	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			73	Arithmetic error occurred when calculating acceleration and deceleration for PL control in prereading processing 1	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			74	Arithmetic error occurred when calculating acceleration and deceleration for PL control in prereading processing 2	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			75	Arithmetic error occurred when calculating acceleration and deceleration for PL control in prereading processing 3	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			76	Arithmetic error occurred when calculating acceleration and deceleration for PL control in prereading processing 4	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			77	Arithmetic error occurred when calculating acceleration and deceleration for PL control in prereading processing 5	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			96	Press full synchronous function: Press synchronous execution error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			97	Press full synchronous function: The press position carried out cycle movement over.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			98	Press full synchronous function: Press synchronous position error	Software operation error occurred	Execute Position Adjustment Function to correct the position gap between press position and the manipulator. ·Confirm that both press and manipulator are maintained in stopped state. ·Change the specific input: Position Correct Request (#40540) to ON. ·Execute the Press synchronization JOB again. ·Wait for the specific output "Correcting position(#50683)" to become OFF and then start up the press.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			99	Press full synchronous function: Position search error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	Posture control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	HA Servo Simulation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			105	Timing control function control group error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			106	Feedback approximation model table queue control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			107	Feedback approximation model data reference error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			65535	For HA debug use	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4209	OFFLINE SYSTEM ERROR(ARITH)	A system error occurred in arithmetic section offline.	100	Data setting error in offline data bank	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	Data setting error in offline answer bank	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	OFF_USER_POS occupation control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	OFF_USER_POS valid control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	Mail-receiving error of offline task	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	Offline occupation control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			107	OFF_USER_ROT_POS occupation control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			108	OFF_USER_ROT_POS valid control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			109	OFF_CV_CALIB_POS occupation control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			110	OFF_CV_CALIB_POS valid control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			111	Incorrect teaching for offline conveyor tracking turntable function	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			112	No manipulator is designated for offline conveyor tracking turntable function.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			117	Detour posture control setup process error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4210	SYSTEM ERROR(LOCAL VARIABLE)	A system error occurred in local variable processing section.	-1	Local variable is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-2	Memory area for local variable could not be obtained.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-3	No unused handle value exists when local variable area is created.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-4	An error occurred in exclusive control.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			-5	Handle value is invalid for specified local variable.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-6	Handle value is incorrect for specified local variable.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-7	An error occurred when memory area for local variable was released.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-8	An error occurred when memory area for local variable was registered.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-9	Local variable control process is not initialized.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-10	Local variable area shared heap area.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-11	An error occurred in exclusive control.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-12	An error occurred in exclusive control when control of the local variable was processed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4220	SERVO POWER OFF FOR JOB	The servo power is not supplied to the job control group axis to be operated.		Sub Code: Control group	Setting error	Turn OFF the servo power supply, and then turn ON the servo power supply for the group axis to be operated.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4221	SERVO POWER OFF FOR JOB	The servo power is not supplied to the job control group axis to be operated.		Sub Code: Control group	The servo power is not supplied.	Turn OFF the servo power supply, and then turn ON the servo power supply for the group axis to be operated.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4224	MEMOPLAY FILE ERROR	An error occurred in memory play file.	-1	An error occurred in control process for memory play file.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-2	The arrangement address information is destroyed for memory play file system.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-3	The fixed control information is destroyed for memory play file system.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-4	The fixed control information is destroyed for memory play file system.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-5	An attempt was made to newly register the memory play file under use.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-6	An error occurred in checking written sampling data when the data was written to CMOS.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-7	An attempt was made to access an unused memory play file data.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-8	The memory play file is destroyed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-9	The memory area for sampling data is full.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-10	The sampling data is destroyed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-11	Data in control process for memory play file is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			-12	The sampling data is scanned only at top or end position.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-13	The memory play file system is not initialized.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-14	The offset value is out of range at sampling data scanning.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4225	OVER SPEED(YCP21)	The motor real speed (feedback) exceeded the speed limit. The speed limit is safety speed at teach mode and maximum speed at play mode.		Signifies the control axis number which detected an error	Setting error	Check the following settings. ·The gun tip hits the welded target distance of motor gun ·manipulator motion (external force, gravity)
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·The motor power line ·The encoder line
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the following unit. ·The motor
					YCP21 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the YCP21 board. Save the CMOS.BIN before replace the board to be safe. Replace the YCP21 board, and then insert the CF card which inserted original YCP21 board into the new YCP21 board.
					Other	If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4226	COMMUNICATION SERVICE ERROR	An error occurred at OPEN/CLOSE instruction execution. The communication channel could not be opened/closed.	1	The communication channel could not be opened/closed at OPEN/CLOSE instruction execution.	Setting error	Check the following settings. -Setting of the RS (transmission) parameter
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			100	The communication port is already opened.	Setting error	Check the following settings. The serial port setting
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	The communication port is not opened.	Setting error	Check the following settings. The serial port setting
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	No space was found in data sent buffer.	Setting error	Check the following settings. The serial port setting
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	The setting value for the event queue designation parameter is incorrect.	Setting error	(1)Reset the alarm. (2)Check the following settings. -RS157...Set to 1 to 4
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	The type of output data is incorrect.	Setting error	(1)Reset the alarm. (2)Check the following settings. The serial port setting
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4228	WRONG DATA	The YRC1000 divides the job; instruction data and position data, into separate files to save. This alarm occurs if it detects the inconsistency between the Job instruction and position file. The followings are the causes of the inconsistency. Cause 1: Single position data is chained by the plural Job instruction data. (Overlapped chain) Cause 2: Job instruction file chains the unregistered position data. (Unregistered position data chain) Cause 3: Registered position data is not chained. (Unchained position data)			Software operation error occurred	(1)Reset the alarm, and then execute following operation. ·Select a sub menu [WRONG DATA LOG] under main menu [SETUP]. ·Execute "RESTORE" by selecting "UTILITY" from the pull-down menu. *Occurrence date changes to restoration date after it is restored. ·Turn the power OFF and then ON to check the factor of the inconsistency 1 and 2, on the data inconsistency screen in maintenance mode . The factor 1: Check the position of the corresponding file The factor 2: Register the position of the corresponding file again *The factor 3:Just turn the power OFF and then ON again. (2)If it would not restore, select "RE CHECK" from the pull-down menu. (3)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Data error	(1) If different axes configuration data is loaded, the system data becomes incorrect status, which causes this alarm. In this case, execute the following operations. ·Select a sub menu [WRONG DATA LOG] under main menu [SETUP]. ·Select "UTILITY" from the pull-down menu to execute "RESTORE". ·Load correct axes configuration data (2)If it would not restore, select "RE CHECK" from the pull-down menu, and then load correct axes configuration data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4229	ETHERNET PROCESS ERROR	An error occurred when the Ethernet function was used.	1	An error occurred in the acquisition process of the IP address during the IP address monitoring process of the Ethernet function. (LAN interface 2)	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An error occurred in the acquisition process of subnet mask during the network service data creation process of the Ethernet function. (LAN interface 2)	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An error occurred in the acquisition process of gateway during the network service data creation process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	An error occurred in the conversion process of gateway address during the network service data creation process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	An error occurred in the conversion process of DNS server address during the network service data creation process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	An error occurred in the acquisition process of domain data creation process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	An error occurred in the acquisition process of SNTP server during the network service data creation process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	An error occurred in the acquisition process of host name during the network service data creation process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	An error occurred in the newest DNS information getting process from DHCP server in the DNS process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	An error occurred in the setting process to update DNS information in the DNS process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	An error occurred in the setting clearing process to update DNS information in the DNS process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	The subnet mask was not able to be acquired in the DHCP information update process of the Ethernet function.(LAN interface 2)	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	Subnet mask update error occurred in the DHCP information update process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	Gateway update error occurred in the DHCP information update process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	Gateway clear error occurred in the DHCP information update process of the Ethernet function.	Setting error	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	IP address duplication was detected.(LAN interface 2)	Setting error	Check the following settings. ·IP address setting of LAN interface in maintenance mode ·IP addresses of other devices in the network.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			36	IP address duplication was detected.	Setting error	Check the following settings. ·IP address setting of LAN interface in maintenance mode ·IP addresses of other devices in the network.
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			40	IP address can not be gotten or can not be updated via DHCP.(LAN interface 2)	Setting error	Check the following settings and status. -The DHCP server operation (If the DHCP is used) -The network status (If the DHCP is used)
					Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			50	Gateway setting is faulted.	Software operation error occurred	Check the following settings. -Default gateway setting of LAN interface in maintenance mode -Leased IP address, when getting IP address from DHCP.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			51	Static route setting is faulted.(LAN interface 2, route 1)	Software operation error occurred	Check the following settings. -Static route setting of LAN interface in maintenance mode -Leased IP address, when getting IP address from DHCP.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			52	NAT setting is faulted.(LAN interface 2)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			53	The host address to be used in ethernet function is not configured correctly.	Software operation error occurred	Check the following settings. ·The host address setting of LAN interface in maintenance mode
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			151	Static route setting is faulted.(LAN interface 2, route 2)	Software operation error occurred	Check the following settings. ·Static route setting of LAN interface in maintenance mode ·Leased IP address, when getting IP address from DHCP.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			1001	An error occurred in the acquisition process of the IP address during the IP address monitoring process of the Ethernet function.(LAN interface 3)	Software operation error occurred	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			1002	An error occurred in the acquisition process of subnet mask during the network service data creation process of the Ethernet function.(LAN interface 3)	Software operation error occurred	Check the following settings. ·The DHCP server operation (If the DHCP is used) ·The network status (If the DHCP is used)

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)if the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			1020	The subnet mask was not able to be acquired in the DHCP information update process of the Ethernet function.(LAN interface 3)	Software operation error occurred	Check the following settings. ·The DHCP server operation (if the DHCP is used) ·The network status (if the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)if the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			1035	IP address duplication was detected.(LAN interface 3)	Software operation error occurred	Check the following settings. ·IP address setting of LAN interface in maintenance mode ·IP addresses of other devices in the network.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)if the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			1040	IP address can not be gotten or can not be updated via DHCP.(LAN interface 3)	Software operation error occurred	Check the following settings and status. ·The DHCP server operation (if the DHCP is used) ·The network status (if the DHCP is used)
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)if the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			1051	Static route setting is faulted.(LAN interface 3, route 1)	Software operation error occurred	Check the following settings. ·Static route setting of LAN interface in maintenance mode ·Leased IP address, when getting IP address from DHCP.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)if the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1052	NAT setting is faulted.(LAN interface 3)	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD CARD from the failure ACP01 board to insert it into the new ACP01 board.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
			1151	Static route setting is faulted.(LAN interface 3, route 2)	Software operation error occurred	Check the following settings. ·Static route setting of LAN interface in maintenance mode ·Leased IP address, when getting IP address from DHCP.
					ACP01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then remove the SD from the failure ACP01 board to insert it into the new ACP01 board.
4234	COMMUNICATION TIMEOUT(IO MODULE)	An error was detected in communications timeout with the I/O module board when the control power turned ON.	0	The IO module board connected with 0th serial bus exists.	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·CN509 cable of SDCA01 board ·The cable of SDCA01 board connector CN515/516 ·CNBX connector of SDCA01 board and ASF01 board ·PCIe connector of AIF01 board ·The cable of AIF01 board connector CN113
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	An error was detected in communications timeout with the I/O module board connected with 1st serial bus when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.</p>
					AIF01 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			2	An error was detected in communications timeout with the I/O module board connected with 2nd serial bus when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An error was detected in communications timeout with the I/O module board connected with 3rd serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	An error was detected in communications timeout with the I/O module board connected with 4th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	An error was detected in communications timeout with the I/O module board connected with 5th serial bus when the control power turned ON.	Setting error ⁴	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	An error was detected in communications timeout with the I/O module board connected with 6th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7	An error was detected in communications timeout with the I/O module board connected with 7th serial bus when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.</p>
					AIF01 board failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			8	An error was detected in communications timeout with the I/O module board connected with 8th serial bus when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	An error was detected in communications timeout with the I/O module board connected with 9th serial bus when the control power turned ON.	Setting error	Check the following settings. · The rotary switch setting which specifies slot numbers of each I/O module · I/O module settings in maintenance mode
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following cables and connectors. · The MII communications cable which I/O module of the corresponding node number · (In case of MII communications last station) Terminator · 24V power of the corresponding I/O module
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			10	An error was detected in communications timeout with the I/O module board connected with 10th serial bus when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.</p>
					AIF01 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			11	An error was detected in communications timeout with the I/O module board connected with 11th serial bus when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	An error was detected in communications timeout with the I/O module board connected with 12th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			13	An error was detected in communications timeout with the I/O module board connected with 13th serial bus when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.</p>
					AIF01 board failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			14	An error was detected in communications timeout with the I/O module board connected with 14th serial bus when the control power turned ON.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	<p>(1)Turn the power OFF then back ON.</p> <p>(2)If the alarm occurs again, check the connection and insertion of the following cables and connectors.</p> <ul style="list-style-type: none"> ·MII communications cable (CN114) of the AIF01 board ·MII communications cable (CN300) of the YIU unit ·(In case of MII communications last station) Terminator ·24V power of the YIU unit

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	An error was detected in communications timeout with the I/O module board connected with 15th serial bus when the control power turned ON.	Setting error	Check the following settings. ·The rotary switch setting which specifies slot numbers of each I/O module ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·The MII communications cable which I/O module of the corresponding node number ·(In case of MII communications last station) Terminator ·24V power of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			16	An error was detected in communications timeout with the I/O module board connected with 1st PCI connector when the control power turned ON.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	An error was detected in communications with the I/O module board connected with 2nd PCI when the control power turned ON.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	An error was detected in communications timeout with the I/O module board connected with 3rd PCI when the control power turned ON.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					I/O module failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	An error was detected in communications timeout with the I/O module board connected with 4th PCI when the control power turned ON.	Setting error	Check the following settings. ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					I/O module failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replacing the board to be safe. . The corresponding I/O module (PCI board)
					AIF01 board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replacing the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4240	TPS:ERROR	An error occurred in the Fronius welding power source.		Sub Code: Welding power source number.	Error occurred in the Fronius power source.	Confirm the following content. Step1: Check what kind of the error code is expressed on the front panel of Fronius power source. Step2: Check according with the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4241	MOTOWELD SYSTEM RESET	System software on the welding power source is resetting now.	1	Error from welder 1.	Arc welding power source error	When finish system reset, Shut down the welding power source.
					Other	If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	When finish system reset, Shut down the welding power source.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	When finish system reset, Shut down the welding power source.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	Error from welder 4.	Arc welding power source error	When finish system reset, Shut down the welding power source.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	When finish system reset, Shut down the welding power source.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	When finish system reset, Shut down the welding power source.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	When finish system reset, Shut down the welding power source.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	When finish system reset, Shut down the welding power source.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			302	Sub code : Error No. from welder.	Arc welding power source error	When finish system reset, Shut down the welding power source.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4242	MOTOWELD INPUT OVER-CURRENT	Overcurrent flows in the primary control circuit.	1	Error from welder 1.	Arc welding power source error	When finish system reset, Shut down the welding power source.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Error from welder 2.	Arc welding power source error	
			3	Error from welder 3.	Arc welding power source error	
			4	Error from welder 4.	Arc welding power source error	
			5	Error from welder 5.	Arc welding power source error	
			6	Error from welder 6.	Arc welding power source error	
			7	Error from welder 7.	Arc welding power source error	
			8	Error from welder 8.	Arc welding power source error	
			107	Sub code: Error No. from welder.	Arc welding power source error	
4243	MOTOWELD OUTPUT OVER-CURRENT	Overcurrent flows in the secondary control circuit.	1	Error from welder 1.	Arc welding power source error	<p>Confirm the following content.</p> <p>(1) Check that the torch cable or power cable is not grounded?</p> <p>(2) Check that the contact tip does not contact the welding work piece?</p> <p>(3) Check that the encoder cable is not damaged?</p> <p>(4) Check if the screws of the connector terminal block are securely fastened. If the encoder cable is disconnected or the screws are loosened, the wire feeding speed becomes excessively fast and an error occurs in the wire feeding amount. Replace the encoder cable or fasten the screws of the connector terminal block.</p>
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Error from welder 2.	Arc welding power source error	Confirm the following content. (1) Check that the torch cable or power cable is not grounded? (2)Check that the contact tip does not contact the welding work piece? (3)Check that the encoder cable is not damaged? (4)Check if the screws of the connector terminal block are securely fastened. If the encoder cable is disconnected or the screws are loosened, the wire feeding speed becomes excessively fast and an error occurs in the wire feeding amount. Replace the encoder cable or fasten the screws of the connector terminal block.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	Confirm the following content. (1) Check that the torch cable or power cable is not grounded? (2)Check that the contact tip does not contact the welding work piece? (3)Check that the encoder cable is not damaged? (4)Check if the screws of the connector terminal block are securely fastened. If the encoder cable is disconnected or the screws are loosened, the wire feeding speed becomes excessively fast and an error occurs in the wire feeding amount. Replace the encoder cable or fasten the screws of the connector terminal block.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	Confirm the following content. (1) Check that the torch cable or power cable is not grounded? (2)Check that the contact tip does not contact the welding work piece? (3)Check that the encoder cable is not damaged? (4)Check if the screws of the connector terminal block are securely fastened. If the encoder cable is disconnected or the screws are loosened, the wire feeding speed becomes excessively fast and an error occurs in the wire feeding amount. Replace the encoder cable or fasten the screws of the connector terminal block.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Error from welder 5.	Arc welding power source error	Confirm the following content. (1) Check that the torch cable or power cable is not grounded? (2) Check that the contact tip does not contact the welding work piece? (3) Check that the encoder cable is not damaged? (4) Check if the screws of the connector terminal block are securely fastened. If the encoder cable is disconnected or the screws are loosened, the wire feeding speed becomes excessively fast and an error occurs in the wire feeding amount. Replace the encoder cable or fasten the screws of the connector terminal block. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	Confirm the following content. (1) Check that the torch cable or power cable is not grounded? (2) Check that the contact tip does not contact the welding work piece? (3) Check that the encoder cable is not damaged? (4) Check if the screws of the connector terminal block are securely fastened. If the encoder cable is disconnected or the screws are loosened, the wire feeding speed becomes excessively fast and an error occurs in the wire feeding amount. Replace the encoder cable or fasten the screws of the connector terminal block. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	Confirm the following content. (1) Check that the torch cable or power cable is not grounded? (2) Check that the contact tip does not contact the welding work piece? (3) Check that the encoder cable is not damaged? (4) Check if the screws of the connector terminal block are securely fastened. If the encoder cable is disconnected or the screws are loosened, the wire feeding speed becomes excessively fast and an error occurs in the wire feeding amount. Replace the encoder cable or fasten the screws of the connector terminal block. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8	Error from welder 8.	Arc welding power source error	Confirm the following content. (1) Check that the torch cable or power cable is not grounded? (2) Check that the contact tip does not contact the welding work piece? (3) Check that the encoder cable is not damaged? (4) Check if the screws of the connector terminal block are securely fastened. If the encoder cable is disconnected or the screws are loosened, the wire feeding speed becomes excessively fast and an error occurs in the wire feeding amount. Replace the encoder cable or fasten the screws of the connector terminal block.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			701	Sub code : Error No. from welder.	Arc welding power source error	Confirm the following content. (1) Check that the torch cable or power cable is not grounded? (2) Check that the contact tip does not contact the welding work piece? (3) Check that the encoder cable is not damaged? (4) Check if the screws of the connector terminal block are securely fastened. If the encoder cable is disconnected or the screws are loosened, the wire feeding speed becomes excessively fast and an error occurs in the wire feeding amount. Replace the encoder cable or fasten the screws of the connector terminal block.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4244	MOTOWELD INPUT OVER-VOLTAGE	Primary input voltage exceeding 550V is applied continuously for two seconds.	1	Error from welder 1.	Arc welding power source error	Confirm the input voltage.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	Confirm the input voltage.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error Other	Confirm the input voltage. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error Other	Confirm the input voltage. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error Other	Confirm the input voltage. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error Other	Confirm the input voltage. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error Other	Confirm the input voltage. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error Other	Confirm the input voltage. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4245	MOTOWELD EXCESSIVE TEMPERATURE	The temperature in the welding source.	1	Error from welder 1.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard (Item No.410). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard (Item No.410). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard (Item No.410). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard (Item No.410). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard (Item No.410). If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard (Item No.410).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard (Item No.410).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard (Item No.410).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	The temperature in the primary control circuit exceeds the specified value of the welding source.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard of primary side (Item No.410). In case of X350, Check the thermal guard of primary side (Item No.410).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			103	The temperature in the secondary control circuit exceeds the specified value of the welding source.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard of secondary side (Item No.318). In case of X350, Check the thermal guard of secondary side (Item No.410).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	The temperature in the DC reactor exceeds the specified value of the welding source.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)In case of RL350, Check the thermal guard of DCL2 (Item No.312). In case of X350, Check the thermal guard of DCL2 (Item No.514).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			340	The temperature in the Main board Pr(MB) exceeds the specified value of the welding source.	Arc welding power source error	(1)Check the ambient temperature (40 degrees centigrade or less) and operational ratio (60%). (2) Check if there are dust, dirt, and clogging on the dust protective filter. Clean or replace the dust protective filter if necessary. (3)Replace the Main board Pr(MB)-030(Item No. 504).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4246	MOTOWELD INPUT UNDER-VOLTAGE	Primary input voltage is lower than 390V continuously fir two seconds.	1	Error from welder 1.	Arc welding power source error	Confirm the input voltage.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	Confirm the input voltage.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	Confirm the input voltage.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	Confirm the input voltage.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	Confirm the input voltage.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	Confirm the input voltage.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	Confirm the input voltage.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	Confirm the input voltage.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4247	MOTOWELD WATER UNDER-FLOW	Hydraulic pressure is drop.	1	Error from welder 1.	Arc welding power source error Other	(1)Fill up the cooling water. (2)Check the circuit of cooling water. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error Other	(1)Fill up the cooling water. (2)Check the circuit of cooling water. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error Other	(1)Fill up the cooling water. (2)Check the circuit of cooling water. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error Other	(1)Fill up the cooling water. (2)Check the circuit of cooling water. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error Other	(1)Fill up the cooling water. (2)Check the circuit of cooling water. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error Other	(1)Fill up the cooling water. (2)Check the circuit of cooling water. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error Other	(1)Fill up the cooling water. (2)Check the circuit of cooling water. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	(1)Fill up the cooling water. (2)Check the circuit of cooling water.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			703	Sub code : Error No. from welder.	Arc welding power source error	(1)Fill up the cooling water. (2)Check the circuit of cooling water.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4248	MOTOWELD DIGITAL I/F WDG.ERROR	The communication between the welding power source and the robot controller was suspended.	1	Error from welder 1.	Arc welding power source error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Error from welder 5.	Arc welding power source error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			401	Sub code : Error No. from welder.	Arc welding power source error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4249	MOTOWELD DIGITAL I/F NODE ERROR	In CAN-interface for welder power source, the Node setting is duplicated.	1	Error from welder 1.	Arc welding power source error	Check the Node of the each welder power sources and robot controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	Check the Node of the each welder power sources and robot controller.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	Check the Node of the each welder power sources and robot controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	Check the Node of the each welder power sources and robot controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	Check the Node of the each welder power sources and robot controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	Check the Node of the each welder power sources and robot controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	Check the Node of the each welder power sources and robot controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	Check the Node of the each welder power sources and robot controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			402	Sub code : Error No. from welder.	Arc welding power source error Other	Check the Node of the each welder power sources and robot controller. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4250	MOTOWELD DIGITAL I/F ERROR	Welder power source receive the unknown message.	1	Error from welder 1.	Arc welding power source error Other	Confirm the following content. (1) LAN cable is not damaged. (2) Protocol type of the VEW01 is correct. (is MOTOWELD type?) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error Other	Confirm the following content. (1) LAN cable is not damaged. (2) Protocol type of the VEW01 is correct. (is MOTOWELD type?) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error Other	Confirm the following content. (1) LAN cable is not damaged. (2) Protocol type of the VEW01 is correct. (is MOTOWELD type?) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error Other	Confirm the following content. (1) LAN cable is not damaged. (2) Protocol type of the VEW01 is correct. (is MOTOWELD type?) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error Other	Confirm the following content. (1) LAN cable is not damaged. (2) Protocol type of the VEW01 is correct. (is MOTOWELD type?) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error Other	Confirm the following content. (1) LAN cable is not damaged. (2) Protocol type of the VEW01 is correct. (is MOTOWELD type?) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	Confirm the following content. (1) LAN cable is not damaged. (2) Protocol type of the VEW01 is correct. (is MOTOWELD type?)
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	Confirm the following content. (1) LAN cable is not damaged. (2) Protocol type of the VEW01 is correct. (is MOTOWELD type?)
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			403	Sub code : Error No. from welder.	Arc welding power source error	Confirm the following content. (1) LAN cable is not damaged. (2) Protocol type of the VEW01 is correct. (is MOTOWELD type?)
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4251	MOTOWELD DIGITAL I/F FILE# ERROR	The user file number is out of range.	1	Error from welder 1.	Arc welding power source error	Set the user file number 1...16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	Set the user file number 1...16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	Set the user file number 1...16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	Error from welder 4.	Arc welding power source error	Set the user file number 1...16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	Set the user file number 1...16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	Set the user file number 1...16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	Set the user file number 1...16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	Set the user file number 1...16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			404	Sub code: Error No. from welder.	Arc welding power source error	Set the user file number 1...16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4252	MOTOWELD DIGITAL I/F CHIP ERROR	Network interface chip is broke down.	1	Error from welder 1.	Arc welding power source error	Replace the main board (Pr(MB) -024). Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Error from welder 2.	Arc welding power source error	Replace the main board {Pr(MB) -024}. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	Replace the main board {Pr(MB) -024}. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	Replace the main board {Pr(MB) -024}. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	Replace the main board {Pr(MB) -024}. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	Replace the main board {Pr(MB) -024}. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	Replace the main board {Pr(MB) -024}. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	Replace the main board {Pr(MB) -024}. Contact your YASKAWA representative.
			405	Sub code : Error No. from welder.	Arc welding power source error	Replace the main board {Pr(MB) -024}. Contact your YASKAWA representative.
4253	MOTOWELD MACHINE TYP.ERROR1	Nonconformity in the model setting of hardware and software.	1	Error from welder 1.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	Error from welder 4.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			304	Sub code : Error No. from welder.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
4254	MOTOWELD MACHINE TYP.ERROR2	Nonconformity in the model setting of hardware and software.	1	Error from welder 1.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			305	Sub code : Error No. from welder.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
4255	MOTOWELD MACHINE TYP.ERROR3	Nonconformity in the model setting of hardware and software.	1	Error from welder 1.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8	Error from welder 8.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			306	Sub code : Error No. from welder.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
4256	MOTOWELD MACHINE TYP.ERROR4	Nonconformity in the model setting of hardware and software.	1	Error from welder 1.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.
			307	Sub code : Error No. from welder.	Arc welding power source error	The setting of hardware or software may be not performed correctly. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4257	MOTOWELD PANEL SW SETTING ERROR	The DIP switch of PR(CR) -002R1 board is not correctly set.	1	Error from welder 1.	Arc welding power source error	(1) Check the DIP switch setting of EL350:PR(CR) -008/RP500:WK-7036 board. (2) EL350:PR(CR) -008/RP500:WK-7036 board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	(1) Check the DIP switch setting of EL350:PR(CR) -008/RP500:WK-7036 board. (2) EL350:PR(CR) -008/RP500:WK-7036 board may be broken. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	(1) Check the DIP switch setting of EL350:PR(CR) -008/RP500:WK-7036 board. (2) EL350:PR(CR) -008/RP500:WK-7036 board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	(1) Check the DIP switch setting of EL350:PR(CR) -008/RP500:WK-7036 board. (2) EL350:PR(CR) -008/RP500:WK-7036 board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	(1) Check the DIP switch setting of EL350:PR(CR) -008/RP500:WK-7036 board. (2) EL350:PR(CR) -008/RP500:WK-7036 board may be broken. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	(1) Check the DIP switch setting of EL350:PR(CR) -008/RP500:WK-7036 board. (2) EL350:PR(CR) -008/RP500:WK-7036 board may be broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	(1) Check the DIP switch setting of EL350:PR(CR) -008/RP500:WK-7036 board. (2) EL350:PR(CR) -008/RP500:WK-7036 board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	(1) Check the DIP switch setting of EL350:PR(CR) -008/RP500:WK-7036 board. (2) EL350:PR(CR) -008/RP500:WK-7036 board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			303	Sub code : Error No. from welder.	Arc welding power source error	(1) Check the DIP switch setting of EL350:PR(CR) -008/RP500:WK-7036 board. (2) EL350:PR(CR) -008/RP500:WK-7036 board may be broken. Contact your YASKAWA representative.
4258	MOTOWELD FEEDER ERROR	The welding wire was not fed as instructed by the feeding amount command value. There is a certain difference between the feeding amount command value and the feedback from the encoder.	1	Error from welder 1.	Arc welding power source error	Confirm the following content. (1)The encoder cable be not damaged? (2)Isn't there loosening of the screw of the encoder cable connection terminal block? When there are a disconnection of the encoder cable or loosening of the screw, the wire feeding speed quickens abnormally, and it becomes an abnormal amount of feeding. Replace the encoder cable or fasten the screw of the terminal block. (3)Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	Confirm the following content. (1)The encoder cable be not damaged? (2)Isn't there loosening of the screw of the encoder cable connection terminal block? When there are a disconnection of the encoder cable or loosening of the screw, the wire feeding speed quickens abnormally, and it becomes an abnormal amount of feeding. Replace the encoder cable or fasten the screw of the terminal block. (3)Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error	<p>Confirm the following content.</p> <p>(1)The encoder cable be not damaged?</p> <p>(2)Isn't there loosening of the screw of the encoder cable connection terminal block?</p> <p>When there are a disconnection of the encoder cable or loosening of the screw, the wire feeding speed quickens abnormally, and it becomes an abnormal amount of feeding. Replace the encoder cable or fasten the screw of the terminal block.</p> <p>(3)Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.</p> <p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			4	Error from welder 4.	Arc welding power source error	<p>Confirm the following content.</p> <p>(1)The encoder cable be not damaged?</p> <p>(2)Isn't there loosening of the screw of the encoder cable connection terminal block?</p> <p>When there are a disconnection of the encoder cable or loosening of the screw, the wire feeding speed quickens abnormally, and it becomes an abnormal amount of feeding. Replace the encoder cable or fasten the screw of the terminal block.</p> <p>(3)Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.</p> <p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			5	Error from welder 5.	Arc welding power source error	<p>Confirm the following content.</p> <p>(1)The encoder cable be not damaged?</p> <p>(2)Isn't there loosening of the screw of the encoder cable connection terminal block?</p> <p>When there are a disconnection of the encoder cable or loosening of the screw, the wire feeding speed quickens abnormally, and it becomes an abnormal amount of feeding. Replace the encoder cable or fasten the screw of the terminal block.</p> <p>(3)Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.</p> <p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	<p>Confirm the following content.</p> <p>(1)The encoder cable be not damaged?</p> <p>(2)Isn't there loosening of the screw of the encoder cable connection terminal block?</p> <p>When there are a disconnection of the encoder cable or loosening of the screw, the wire feeding speed quickens abnormally, and it becomes an abnormal amount of feeding. Replace the encoder cable or fasten the screw of the terminal block.</p> <p>(3)Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.</p> <p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			7	Error from welder 7.	Arc welding power source error	<p>Confirm the following content.</p> <p>(1)The encoder cable be not damaged?</p> <p>(2)Isn't there loosening of the screw of the encoder cable connection terminal block?</p> <p>When there are a disconnection of the encoder cable or loosening of the screw, the wire feeding speed quickens abnormally, and it becomes an abnormal amount of feeding. Replace the encoder cable or fasten the screw of the terminal block.</p> <p>(3)Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.</p> <p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
			8	Error from welder 8.	Arc welding power source error	<p>Confirm the following content.</p> <p>(1)The encoder cable be not damaged?</p> <p>(2)Isn't there loosening of the screw of the encoder cable connection terminal block?</p> <p>When there are a disconnection of the encoder cable or loosening of the screw, the wire feeding speed quickens abnormally, and it becomes an abnormal amount of feeding. Replace the encoder cable or fasten the screw of the terminal block.</p> <p>(3)Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.</p> <p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			501	Sub code : Error No. from welder.	Arc welding power source error	Confirm the following content. (1)The encoder cable be not damaged? (2)Isn't there loosening of the screw of the encoder cable connection terminal block? When there are a disconnection of the encoder cable or loosening of the screw, the wire feeding speed quickens abnormally, and it becomes an abnormal amount of feeding. Replace the encoder cable or fasten the screw of the terminal block. (3)Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			331	The status of dip switch for encoder circuit is different to the encoder of the feeder motor.	Arc welding power source error	(1)Confirm the feeder motor type. (2)Check the C parameter for feeder motor is correct. (3)Check the dip switch SW700 on the Main board Pr(MB).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4259	MOTOWELD MOTOR OVER-CURRENT	Overcurrent above the rated current flows in the motor circuit.	1	Error from welder 1.	Arc welding power source error	Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	Error from welder 4.	Arc welding power source error Other	Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error Other	Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error Other	Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error Other	Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error Other	Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			502	Sub code : Error No. from welder.	Arc welding power source error Other	Check if the wire load becomes heavy. Make sure that the torch cable and conduit cable are not bent excessively. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4260	MOTOWELD CPU ERROR1	A communication error between CPU1 and CPU2 occurs.	1	Error from welder 1.	Arc welding power source error Other	The board may be broken. Contact your YASKAWA representative. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Error from welder 2.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			203	Sub code : Error No. from welder.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
4261	MOTOWELD CPU ERROR2	A communication error between CPU1 and CPU2 occurs.	1	Error from welder 1.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	Error from welder 4.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			204	Sub code : Error No. from welder.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
4262	MOTOWELD MEMORY ERROR1	An error occurs in the data in the welding power source internal memory.	1	Error from welder 1.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			205	Sub code : Error No. from welder.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
4263	MOTOWELD MEMORY ERROR2	An error occurs in the data in the welding power source internal memory.	1	Error from welder 1.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			7		Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			215	Sub code : Error No. from welder.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
4264	MOTOWELD MEMORY ERROR3	An error occurs in the data in the welding power source internal memory.	1	Error from welder 1.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			206	Sub code : Error No. from welder.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
4265	MOTOWELD MEMORY ERROR4	An error occurs in the data in the welding power source internal memory.	1	Error from welder 1.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			207	Sub code : Error No. from welder.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
4266	MOTOWELD MEMORY ERROR5	An error occurs in the data in the welding power source internal memory.	1	Error from welder 1.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			208	Sub code : Error No. from welder.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
4267	MOTOWELD MEMORY ERROR6	An error occurs in the data in the welding power source internal memory.	1	Error from welder 1.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			7		Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			8		Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			209	Sub code : Error No. from welder.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
4268	MOTOWELD MEMORY ERROR7	An error occurs in the data in the welding power source internal memory.	1	Error from welder 1.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4269	MOTOWELD STARTING SIGNAL ERROR	Arc starting signal is input before the welding power source's main power supply starts up.	210	Sub code : Error No. from welder. Error from welder 1.	Arc welding power source error Other	The data may not have been correctly saved when the welding conditions are recorded because of a power failure, etc. Reset the system after saving the changed parameters. (See the manual of MOTOWELD "4.2.10 System Reset") If the error occurs again, the board may be broken. Contact your YASKAWA representative. Check again the operation timing or signal cable connections. The same error may occur at momentary power failure.
			1	Error from welder 1.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error Other	Check again the operation timing or signal cable connections. The same error may occur at momentary power failure.
			3	Error from welder 3.	Arc welding power source error Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error Other	Check again the operation timing or signal cable connections. The same error may occur at momentary power failure.
			5	Error from welder 5.	Arc welding power source error Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Arc welding power source error Other	Check again the operation timing or signal cable connections. The same error may occur at momentary power failure.
					Arc welding power source error Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error Other	Check again the operation timing or signal cable connections. The same error may occur at momentary power failure. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error Other	Check again the operation timing or signal cable connections. The same error may occur at momentary power failure. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error Other	Check again the operation timing or signal cable connections. The same error may occur at momentary power failure. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			601	Sub code : Error No. from welder.	Arc welding power source error Other	Check again the operation timing or signal cable connections. The same error may occur at momentary power failure. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4270	MOTOWELD NO WELDING TYPE	Execution arc start without welding process.	1	Error from welder 1.	Arc welding power source error Other	Select a correct welding process in the using the welding user file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error Other	Select a correct welding process in the using the welding user file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error Other	Select a correct welding process in the using the welding user file. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	Select a correct welding process in the using the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	Select a correct welding process in the using the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	Select a correct welding process in the using the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	Select a correct welding process in the using the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	Select a correct welding process in the using the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			602	Sub code : Error No. from welder.	Arc welding power source error	Select a correct welding process in the using the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4271	MOTOWELD VOLT.DETECT WIRE ERROR	The welding voltage is not detected.	1	Error from welder 1.	Arc welding power source error	(1)Check if the voltage detection wire is connected. Check to confirm that the welding voltage sensing cable select switch is set to "Base Metal". The use of MOTOWELD-RP500: Check to confirm that the voltage sensing cable is connected between the base metal and the terminal block TB2 7. The use of MOTOWELD-RL350/X350: Check to confirm that the base metal-side welding voltage sensing cable connects between the base metal and the welding power source via wire feeder cable. (2)Check to confirm that the contact chip and the welding work are not in contact. Cancel the contact if any, and weld them. (3)Temporary power failure may have occurred. (4) When the welding voltage sensing cable is used, please connect the welding voltage sensing cable to the base metal. (5) When the AC unit used, a weldingpower source output cable, please confirm whether the output cable of the wiring of the AC unit is not a mistake. (6) When the AC unit used, please make sure that the power of the AC unit is turned on.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Error from welder 2.	Arc welding power source error	(1) Check if the voltage detection wire is connected. Check to confirm that the welding voltage sensing cable select switch is set to "Base Metal". The use of MOTOWELD-RP500: Check to confirm that the voltage sensing cable is connected between the base metal and the terminal block TB2 7. The use of MOTOWELD-RL350/X350: Check to confirm that the base metal-side welding voltage sensing cable connects between the base metal and the welding power source via wire feeder cable. (2) Check to confirm that the contact chip and the welding work are not in contact. Cancel the contact if any, and weld them. (3) Temporary power failure may have occurred. (4) When the welding voltage sensing cable is used, please connect the welding voltage sensing cable to the base metal. (5) When the AC unit used, a welding power source output cable, please confirm whether the output cable of the wiring of the AC unit is not a mistake. (6) When the AC unit used, please make sure that the power of the AC unit is turned on.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error	(1) Check if the voltage detection wire is connected. Check to confirm that the welding voltage sensing cable select switch is set to "Base Metal". The use of MOTOWELD-RP500: Check to confirm that the voltage sensing cable is connected between the base metal and the terminal block TB2 7. The use of MOTOWELD-RL350/X350: Check to confirm that the base metal-side welding voltage sensing cable connects between the base metal and the welding power source via wire feeder cable. (2) Check to confirm that the contact chip and the welding work are not in contact. Cancel the contact if any, and weld them. (3) Temporary power failure may have occurred. (4) When the welding voltage sensing cable is used, please connect the welding voltage sensing cable to the base metal. (5) When the AC unit used, a welding power source output cable, please confirm whether the output cable of the wiring of the AC unit is not a mistake. (6) When the AC unit used, please make sure that the power of the AC unit is turned on.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	Error from welder 4.	Arc welding power source error	(1) Check if the voltage detection wire is connected. Check to confirm that the welding voltage sensing cable select switch is set to "Base Metal". The use of MOTOWELD-RP500: Check to confirm that the voltage sensing cable is connected between the base metal and the terminal block TB2 7. The use of MOTOWELD-RL350/X350: Check to confirm that the base metal-side welding voltage sensing cable connects between the base metal and the welding power source via wire feeder cable. (2) Check to confirm that the contact chip and the welding work are not in contact. Cancel the contact if any, and weld them. (3) Temporary power failure may have occurred. (4) When the welding voltage sensing cable is used, please connect the welding voltage sensing cable to the base metal. (5) When the AC unit used, a welding power source output cable, please confirm whether the output cable of the wiring of the AC unit is not a mistake. (6) When the AC unit used, please make sure that the power of the AC unit is turned on.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Error from welder 5.	Arc welding power source error	<p>(1) Check if the voltage detection wire is connected. Check to confirm that the welding voltage sensing cable select switch is set to "Base Metal". The use of MOTOWELD-RP500: Check to confirm that the voltage sensing cable is connected between the base metal and the terminal block TB2 7. The use of MOTOWELD-RL350/X350: Check to confirm that the base metal-side welding voltage sensing cable connects between the base metal and the welding power source via wire feeder cable.</p> <p>(2) Check to confirm that the contact chip and the welding work are not in contact. Cancel the contact if any, and weld them.</p> <p>(3) Temporary power failure may have occurred.</p> <p>(4) When the welding voltage sensing cable is used, please connect the welding voltage sensing cable to the base metal.</p> <p>(5) When the AC unit used, a welding power source output cable, please confirm whether the output cable of the wiring of the AC unit is not a mistake.</p> <p>(6) When the AC unit used, please make sure that the power of the AC unit is turned on.</p>
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	(1)Check if the voltage detection wire is connected. Check to confirm that the welding voltage sensing cable select switch is set to "Base Metal". The use of MOTOWELD-RP500: Check to confirm that the voltage sensing cable is connected between the base metal and the terminal block TB2 7. The use of MOTOWELD-RL350/X350: Check to confirm that the base metal-side welding voltage sensing cable connects between the base metal and the welding power source via wire feeder cable. (2)Check to confirm that the contact chip and the welding work are not in contact. Cancel the contact if any, and weld them. (3)Temporary power failure may have occurred. (4) When the welding voltage sensing cable is used, please connect the welding voltage sensing cable to the base metal. (5) When the AC unit used, a welding power source output cable, please confirm whether the output cable of the wiring of the AC unit is not a mistake. (6) When the AC unit used, please make sure that the power of the AC unit is turned on.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7	Error from welder 7.	Arc welding power source error	(1) Check if the voltage detection wire is connected. Check to confirm that the welding voltage sensing cable select switch is set to "Base Metal". The use of MOTOWELD-RP500: Check to confirm that the voltage sensing cable is connected between the base metal and the terminal block TB2 7. The use of MOTOWELD-RL350/X350: Check to confirm that the base metal-side welding voltage sensing cable connects between the base metal and the welding power source via wire feeder cable. (2) Check to confirm that the contact chip and the welding work are not in contact. Cancel the contact if any, and weld them. (3) Temporary power failure may have occurred. (4) When the welding voltage sensing cable is used, please connect the welding voltage sensing cable to the base metal. (5) When the AC unit used, a welding power source output cable, please confirm whether the output cable of the wiring of the AC unit is not a mistake. (6) When the AC unit used, please make sure that the power of the AC unit is turned on.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8	Error from welder 8.	Arc welding power source error	(1) Check if the voltage detection wire is connected. Check to confirm that the welding voltage sensing cable select switch is set to "Base Metal". The use of MOTOWELD-RP500: Check to confirm that the voltage sensing cable is connected between the base metal and the terminal block TB2 7. The use of MOTOWELD-RL350/X350: Check to confirm that the base metal-side welding voltage sensing cable connects between the base metal and the welding power source via wire feeder cable. (2) Check to confirm that the contact chip and the welding work are not in contact. Cancel the contact if any, and weld them. (3) Temporary power failure may have occurred. (4) When the welding voltage sensing cable is used, please connect the welding voltage sensing cable to the base metal. (5) When the AC unit used, a welding power source output cable, please confirm whether the output cable of the wiring of the AC unit is not a mistake. (6) When the AC unit used, please make sure that the power of the AC unit is turned on.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			702	Sub code : Error No. from welder.	Arc welding power source error	(1)Check if the voltage detection wire is connected. Check to confirm that the welding voltage sensing cable select switch is set to "Base Metal". The use of MOTOWELD-RP500: Check to confirm that the voltage sensing cable is connected between the base metal and the terminal block TB2 7. The use of MOTOWELD-RL350/X350: Check to confirm that the base metal-side welding voltage sensing cable connects between the base metal and the welding power source via wire feeder cable. (2)Check to confirm that the contact chip and the welding work are not in contact. Cancel the contact if any, and weld them. (3)Temporary power failure may have occurred. (4) When the welding voltage sensing cable is used, please connect the welding voltage sensing cable to the base metal. (5) When the AC unit used, a welding power source output cable, please confirm whether the output cable of the wiring of the AC unit is not a mistake. (6) When the AC unit used, please make sure that the power of the AC unit is turned on.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4272	MOTOWELD SAFETY-CIRCUIT ERROR	Safety circuit broken.	1	Error from welder 1.	Arc welding power source error	Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	Contact your YASKAWA representative.
			101	Sub code : Error No. from welder.	Arc welding power source error	Contact your YASKAWA representative.
4273	MOTOWELD IGBT SHORT CIRCUIT	The IGBT device of power circuit broken.	1	Error from welder 1.	Arc welding power source error	Replace the IGBT device (Part code AJ0EL3870).
			2	Error from welder 2.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Arc welding power source error	Replace the IGBT device (Part code AJ0EL3870).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	Replace the IGBT device (Part code AJ0EL3870).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	Replace the IGBT device (Part code AJ0EL3870).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Error from welder 5.	Arc welding power source error	Replace the IGBT device (Part code AJ0EL3870).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	Replace the IGBT device (Part code AJ0EL3870).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	Replace the IGBT device (Part code AJ0EL3870).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	Replace the IGBT device (Part code AJ0EL3870).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	Sub code : Error No. from welder.	Arc welding power source error	Replace the IGBT device (Part code AJ0EL3870).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4274	MOTOWELD VOLTAGE DETECTOR ERROR	The welding voltage is not able to be detected.	1	Error from welder 1.	Arc welding power source error	Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	Error from welder 4.	Arc welding power source error	Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	Contact your YASKAWA representative.
			110	Sub code : Error No. from welder.	Arc welding power source error	Contact your YASKAWA representative.
4275	MOTOWELD AUX. CIRCUIT OV. CURRENT	Overcurrent flows in the auxiliary circuit.	1	Error from welder 1.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
			111	Sub code : Error No. from welder.	Arc welding power source error	The board may be broken. Contact your YASKAWA representative.
4276	MOTOWELD DSP ADC ERROR	The main board broken.	1	Error from welder 1.	Arc welding power source error	Contact your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	Contact your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	Contact your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	Contact your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Error from welder 5.	Arc welding power source error	Contact your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	Contact your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	Contact your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	Contact your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			119	Sub code : Error No. from welder.	Arc welding power source error	Contact your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4277	MOTOWELD OUTSIDE OF CURR.SETTING(H)	The actual welding current becomes far removed from the welding current command value.	1	Error from welder 1.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Error from welder 2.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			790	Sub code : Error No. from welder.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4278	MOTOWELD OUTSIDE OF CURR.SETTING(L)	The actual welding current becomes far removed from the welding current command value.	1	Error from welder 1.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Error from welder 3.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7	Error from welder 7.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			791	Sub code : Error No. from welder.	Arc welding power source error	(1)Check if the selection of motor is correct, or confirm the settings of C parameter C09. (2)Check that the welding wire does not slip, or the wire is fed as instructed by the feeding command. (3)Check that the wire stick out is not excessively short or long. (4)Check that the range set in C parameter C29 is not too narrow. (5)Check if the wire, shielding, etc. are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4279	MOTOWELD MOMENTARY OVER- CURR	Overcurrent flows in the secondary control circuit momentarily.	1	Error from welder 1.	Arc welding power source error	(1)Check that short-circuit or the earth grounded of the output cable. (2)May be power circuit broken. Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	(1)Check that short-circuit or the earth grounded of the output cable. (2)May be power circuit broken. Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error	(1)Check that short-circuit or the earth grounded of the output cable. (2)May be power circuit broken. Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	(1)Check that short-circuit or the earth grounded of the output cable. (2)May be power circuit broken. Contact your YASKAWA representative.
			5	Error from welder 5.	Arc welding power source error	(1)Check that short-circuit or the earth grounded of the output cable. (2)May be power circuit broken. Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	(1)Check that short-circuit or the earth grounded of the output cable. (2)May be power circuit broken. Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	(1)Check that short-circuit or the earth grounded of the output cable. (2)May be power circuit broken. Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	(1)Check that short-circuit or the earth grounded of the output cable. (2)May be power circuit broken. Contact your YASKAWA representative.
			108	Sub code : Error No. from welder.	Arc welding power source error	(1)Check that short-circuit or the earth grounded of the output cable. (2)May be power circuit broken. Contact your YASKAWA representative.
4280	MOTOWELD OVER-VOLTAGE	Overcurrent flows in the output side circuit.	1	Error from welder 1.	Arc welding power source error	Contact your YASKAWA representative.
			2	Error from welder 2.	Arc welding power source error	Contact your YASKAWA representative.
			3	Error from welder 3.	Arc welding power source error	Contact your YASKAWA representative.
			4	Error from welder 4.	Arc welding power source error	Contact your YASKAWA representative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Error from welder 5.	Arc welding power source error	Contact your YASKAWA representative.
			6	Error from welder 6.	Arc welding power source error	Contact your YASKAWA representative.
			7	Error from welder 7.	Arc welding power source error	Contact your YASKAWA representative.
			8	Error from welder 8.	Arc welding power source error	Contact your YASKAWA representative.
			109	Sub code : Error No. from welder.	Arc welding power source error	Contact your YASKAWA representative.
4281	MOTOWELD +15V POWER SUPPLY ERROR	The switching power supply unit broken.	1	Error from welder 1.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			704	Sub code : Error No. from welder.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4282	MOTOWELD POWER SUPPLY ERROR	The switching power supply unit broken.	1	Error from welder 1.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Error from welder 2.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Error from welder 3.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Error from welder 4.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Error from welder 5.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Error from welder 6.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			705	Sub code : Error No. from welder.	Arc welding power source error	The use of MOTOWELD-RP500: Replace the switching power supply unit (Service parts code:35015612200) or the Main board (Service parts code:AJ0RP3024). Or, please change two of them. The use of MOTOWELD-RL350: Replace the Interface board (Service parts code: UNIT-Pr (IF)-008B) or the Main board (Service parts code: UNIT-Pr (MB)-030). Or, please change two of them.
4283	MOTOWELD ILLEGAL WELD TYPE	A wrong welding process is set in the welding user file.	1	Error from welder 1.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Confirm the welding process setting in the welding user file.
			2	Error from welder 2.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Confirm the welding process setting in the welding user file.
			3	Error from welder 3.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Confirm the welding process setting in the welding user file.
			4	Error from welder 4.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Confirm the welding process setting in the welding user file.
			5	Error from welder 5.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Confirm the welding process setting in the welding user file.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Error from welder 6.	Arc welding power source error	Confirm the welding process setting in the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Error from welder 7.	Arc welding power source error	Confirm the welding process setting in the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Error from welder 8.	Arc welding power source error	Confirm the welding process setting in the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			406	A wrong welding process is set in the welding user file.	Arc welding power source error	Confirm the welding process setting in the welding user file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			407	A welding type is not set in a user file of the MOTOWELD.	Arc welding power source error	Set a welding type to user file of MOTOWELD. The user file can setup in the editor screen for ARC START CONDITION FILE or ARC END CONDITION FILE of the robot controller.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4284	MOTOWELD SOFTWARE MULFUNCTION	The software of the welding power source has an error.	310	The version of the data base is not suitable for the software of the welding power source.	Arc welding power source error	Load the suitable database.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			311	The version information of the PLD on the main board Pr(MB) is wrong.	Arc welding power source error Other	Replace the main board (Service parts code: UNIT-Pr (MB)-030). Contact your YASKAWA representative If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			312	The version of the firmware of front panel is not suitable for the software of the main board Pr(MB).	Arc welding power source error Other	Replace the main board (Service parts code: UNIT-Pr (MB)-030). Contact your YASKAWA representative If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			316	The check sum of the PLD on the main board Pr(MB) is wrong.	Arc welding power source error Other	Replace the main board (Service parts code: UNIT-Pr (MB)-030). Contact your YASKAWA representative If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			317	The program or data base was load by the Ethernet.	Arc welding power source error Other	Reboot the power source. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			318	The check sum error of loading data.	Arc welding power source error Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Do not turn off the power source and reload the data. (2)In case of turn off and reboot was OK, reload the data. (3)In case of turn off and reboot was NG, load the data by special loading tool. (4)Other case of step 1,2,3, replace the main board Pr(MB)-030.
			400	Watch dog error of the PLD.	Arc welding power source error Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)reboot the power source. (2)Replace the main board (Pr(MB) -030). Contact your YASKAWA representative If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4285	MOTOWELD MACHINE SETTING ERROR	The machine type is wrong.	320	The machine type is wrong.	Arc welding power source error	(1)Check the connection between front panel and main board. (2)Check the status of dip switch (SW301) on the front panel. (3)Replace the front panel. (4)Replace the main board.
4286	MOTOWELD CURRENT CLASS ERROR	The current class 350A / 500A setting is wrong.	330	The current class 350A / 500A setting is wrong.	Arc welding power source error Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Confirm the power source class which of 350A or 500A. (2)Switch a status of dip switch SW600 which of 350A or 500A. (3)Change the software which for correct current class.
4288	AC-UNIT ERROR	AC-UNIT ERROR	126	AC unit temperature anomaly	AC-UNIT error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Check the ambient temperature(45? or below) and the usage rate(60%) (2) Check for no dirt or clogging in the dust-proof filter. Check or replace as needed. (3) Make sure thermal guard of AC unit is not broken.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			129	AC unit overvoltage	AC-UNIT error	(1) Check the usage rate (60%) (2) Check the length of the power cable is round-trip less than 20m. (3) Check a power cable does not wind up a coil.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			623	AC welding method setting error	AC-UNIT error	It can not AC welding for the AC unit is not connected.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4289	SERVO PACK ALARM (EAGL)	SERVO PACK ALARM (EAGL)	530	SERVO PACK ALARM (EAGL)	Servo Pack error	(1) A.720: Overload (maximum continuous) Check to that the wire is not strike the material. Check to whether the feed resistance is not excessive. There is a possibility of servo pack failure. Please replace the servo pack. (2) A.C90: Encoder communication error There is a connection possibility of failure of the Encoder cable. There is a bad connection possibility of the Encoder cable. Check whether each connector is connected. There is a possibility of Encoder cable disconnection. Please replace the encoder cable. There is a possibility of servo motor main circuit cable failure. Please replace the servo motor main circuit cable. There is a possibility of servo pack failure. Please replace the servo pack. (3) A.b33: Current detection abnormality There is a bad connection possibility of the servo motor main circuit cable. Check the connection of each connector. There is a possibility of disconnection of the servo motor main circuit cable. Please replace the servo motor main circuit cable. There is a possibility of servo pack failure. Please replace the servo pack. (4) A.100: Overcurrent detection There is a bad connection possibility of the servo motor main circuit cable. Please replace the servo motor main circuit cable. There is a possibility of life of the servo motor. Please replace the servo motor. There is a possibility of servo pack failure. Please replace the servo pack. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	
4290	TPS:ERROR	An error occurred in the Fronius welding power source.	1	no Prg Sub code[1**] shows the error code of Fronius power source 1 :main error code ** :sub error code	Arc welding power source error	Select a pre-programmed program . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	ts1 Sub code[2**] shows the error code of Fronius power source 2 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	ts2 Sub code[3**] shows the error code of Fronius power source 3 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	ts3 Sub code[4**] shows the error code of Fronius power source 4 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	tp1 Sub code[5**] shows the error code of Fronius power source 5 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	tp2 Sub code[6**] shows the error code of Fronius power source 6 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7	tp3 Sub code[7**] shows the error code of Fronius power source 7 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	tp4 Sub code[8**] shows the error code of Fronius power source 8 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	tp5 Sub code[9**] shows the error code of Fronius power source 9 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	tp6 Sub code[10**] shows the error code of Fronius power source 10 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Errf1 Sub code[11**] shows the error code of Fronius power source 11 :main error code ** :sub error code	Arc welding power source error	Change the thermosensor on the sec. side. Confirm the Fronius's manual.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	Errrf2 Sub code[12**] shows the error code of Fronius power source 12 :main error code ** :sub error code	Arc welding power source error	Change the thermosensor on the sec. side. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	Errrf3 Sub code[13**] shows the error code of Fronius power source 13 :main error code ** :sub error code	Arc welding power source error	Check cable tree of temperature sensors. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	Errrf4 Sub code[14**] shows the error code of Fronius power source 14 :main error code ** :sub error code	Arc welding power source error	Only for MagicWave power source. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	Errrf5 Sub code[15**] shows the error code of Fronius power source 15 :main error code ** :sub error code	Arc welding power source error	Check cable tree of temperature sensors. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			16	Errf6 Sub code[16**] shows the error code of Fronius power source 16 :main error code ** :sub error code	Arc welding power source error	Change BPS pc-board. Confirm the Fronius's manual. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	DSPE05 Sub code[17**] shows the error code of Fronius power source 17 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	ErrbPS Sub code[18**] shows the error code of Fronius power source 18 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board or otherwise change the BPS board. Confirm the Fronius's manual. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	Err IP Sub code[19**] shows the error code of Fronius power source 19 :main error code ** :sub error code	Arc welding power source error	Change the BPS board. Change the secondary diode. Change the welding transformer. Confirm the Fronius's manual. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			20	DSPAx Sub code[20**] shows the error code of Fronius power source 20 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	DSPExx Sub code[21**] shows the error code of Fronius power source 21 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	ErrEPF Sub code[22**] shows the error code of Fronius power source 22 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	Err23.x Sub code[23**] shows the error code of Fronius power source 23 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			24	Err24.x Sub code[24**] shows the error code of Fronius power source 24 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	Err25.x Sub code[25**] shows the error code of Fronius power source 25 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	Err26.x Sub code[26**] shows the error code of Fronius power source 26 :main error code ** :sub error code	Arc welding power source error	Check whether the CfgMem has good contact to the connecting cables and in the plug. Re-crimp if necessary. If this does not help, remove and send to Fronius Austria, together with details of the series number of the machine. Confirm the Fronius's manual
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			27	Err027 Sub code[27**] shows the error code of Fronius power source 27 :main error code ** :sub error code	Arc welding power source error	Measure the +24VDC of NT 24. Confirm the Fronius's manual
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			28	Err028 Sub code[28**] shows the error code of Fronius power source 28 :main error code ** :sub error code	Arc welding power source error	Change the cooling-unit temperature sensor. Confirm the Fronius's manual
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			29	DSPC Sub code[29**] shows the error code of Fronius power source 29 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	EFd Sub code[30**] shows the error code of Fronius power source 30 :main error code ** :sub error code	Arc welding power source error	Check the wirefeed system. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	Err31 Sub code[31**] shows the error code of Fronius power source 31 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			32	EcF Sub code[32**] shows the error code of Fronius power source 32 :main error code ** :sub error code	Arc welding power source error	Install correct primary BPS power module. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	tSt Sub code[33**] shows the error code of Fronius power source 33 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	Er1f7 Sub code[34**] shows the error code of Fronius power source 34 :main error code ** :sub error code	Arc welding power source error	Change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	DSP KL Sub code[35**] shows the error code of Fronius power source 35 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			36	DSPnSy Sub code[36**] shows the error code of Fronius power source 36 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board Confirm the Fronius's manual
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			37	US POL Sub code[37**] shows the error code of Fronius power source 37 :main error code ** :sub error code	Arc welding power source error	Change over the polarity of the two cables otherwise change the UST board Confirm the Fronius's manual
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			38	-Stop- Sub code[38**] shows the error code of Fronius power source 38 :main error code ** :sub error code	Arc welding power source error	Deactivate the -Stop- by input -RobotReady- and activate briefly - SourceErrorReset-. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			39	NoH2O Sub code[39**] shows the error code of Fronius power source 39 :main error code ** :sub error code	Arc welding power source error	Check the coolant level and (if appropriate) the coolant return-flow rate If necessary, clean the coolant filter. Rate-of-flow watchdog may be defective. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			49	Err049 Sub code[49**] shows the error code of Fronius power source 49 :main error code ** :sub error code	Arc welding power source error	Check the mains power supply . Check all 3 phases. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	Err050 Sub code[50**] shows the error code of Fronius power source 50 :main error code ** :sub error code	Arc welding power source error	Disconnect NT60 or change/check NT24/UST/BPS/intermediate circuit capacitors. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	Err051 Sub code[51**] shows the error code of Fronius power source 51 :main error code ** :sub error code	Arc welding power source error	Mains voltage too low or NT 24 defective. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	Err052 Sub code[52**] shows the error code of Fronius power source 52 :main error code ** :sub error code	Arc welding power source error	Mains voltage too high or NT 24 defective. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			53	ErrPE Sub code[53**] shows the error code of Fronius power source 53 :main error code ** :sub error code	Arc welding power source error	Low-resistance connection between secondary and machine housing find out the cause. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	Err054 Sub code[54**] shows the error code of Fronius power source 54 :main error code ** :sub error code	Arc welding power source error	Increase the bbc (burn-back control) Switch off "Wire stick " in the set-up menu After the end of welding, make sure that the wire does not collide with the workpiece when the torch is retracted. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			55	NoIGn Sub code[55**] shows the error code of Fronius power source 55 :main error code ** :sub error code	Arc welding power source error	Set a lower Ito value Keep the torch stand-off distance smaller before ignition. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			56	Err056 Sub code[56**] shows the error code of Fronius power source 56 :main error code ** :sub error code	Arc welding power source error	Check how much wire is left on the spool If necessary, change the spool. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			57	NoGAS Sub code[57**] shows the error code of Fronius power source 57 :main error code ** :sub error code	Arc welding power source error	Check what volume of gas is still available. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			58	NoArc Sub code[58**] shows the error code of Fronius power source 58 :main error code ** :sub error code	Arc welding power source error	Check the seam. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			59	Err059 Sub code[59**] shows the error code of Fronius power source 59 :main error code ** :sub error code	Arc welding power source error	Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			60	Err060 Sub code[60**] shows the error code of Fronius power source 60 :main error code ** :sub error code	Arc welding power source error	Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			61	ErrArc Sub code[61**] shows the error code of Fronius power source 61 :main error code ** :sub error code	Arc welding power source error	Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			62	Err062 Sub code[62**] shows the error code of Fronius power source 62 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			63	EIF Sub code[63**] shows the error code of Fronius power source 63 :main error code ** :sub error code	Arc welding power source error	Check the interface configuration. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			64	Errf8 Sub code[64**] shows the error code of Fronius power source 64 :main error code ** :sub error code	Arc welding power source error	Change the thermosensor of the cooling unit. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			65	hotH2O Sub code[65**] shows the error code of Fronius power source 65 :main error code ** :sub error code	Arc welding power source error	Cool down the coolingliquid. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			66	tJo Sub code[66**] shows the error code of Fronius power source 66 :main error code ** :sub error code	Arc welding power source error	Allow the JobMaster torch to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			67	ErrtJo Sub code[67**] shows the error code of Fronius power source 67 :main error code ** :sub error code	Arc welding power source error	Change JobMaster pc-board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			68	Err068 Sub code[68**] shows the error code of Fronius power source 68 :main error code ** :sub error code	Arc welding power source error	Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			69	Err069 Sub code[69**] shows the error code of Fronius power source 69 :main error code ** :sub error code	Arc welding power source error	New welding start. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			70	Err70 Sub code[70**] shows the error code of Fronius power source 70 :main error code ** :sub error code	Arc welding power source error	Check gas. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			71	Err71 Sub code[71**] shows the error code of Fronius power source 71 :main error code ** :sub error code	Arc welding power source error	Check the welding seam. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			72	ErrCfg Sub code[72**] shows the error code of Fronius power source 72 :main error code ** :sub error code	Arc welding power source error	Check LHSB connection. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			73	noHost Sub code[73**] shows the error code of Fronius power source 73 :main error code ** :sub error code	Arc welding power source error	Check the connection between UST and RCU and the firmware. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			74	Touch Sub code[74**] shows the error code of Fronius power source 74 :main error code ** :sub error code	Arc welding power source error	Touch sensing mode activated - no error. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			75	Err75 Sub code[75**] shows the error code of Fronius power source 75 :main error code ** :sub error code	Arc welding power source error	Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			77	Err77 Sub code[77**] shows the error code of Fronius power source 77 :main error code ** :sub error code	Arc welding power source error	Check the wire feeding alignment if it is smooth. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			78	E-Stop Sub code[78**] shows the error code of Fronius power source 78 :main error code ** :sub error code	Arc welding power source error	Close the Safety circuit and activate the Error reset. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			79	ErrU0 Sub code[79**] shows the error code of Fronius power source 79 :main error code ** :sub error code	Arc welding power source error	Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			80	Err080 Sub code[80**] shows the error code of Fronius power source 80 :main error code ** :sub error code	Arc welding power source error	Check the connection hose pack between power source and wire feeder. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			81	tP7hot Sub code[81**] shows the error code of Fronius power source 81 :main error code ** :sub error code	Arc welding power source error	Allow the machine to cool . Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			82	ErrEHF Sub code[82**] shows the error code of Fronius power source 82 :main error code ** :sub error code	Arc welding power source error	Allow the external HF to cool down. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			83	PHASE Sub code[83**] shows the error code of Fronius power source 83 :main error code ** :sub error code	Arc welding power source error	Check the mains supply cable of the power source. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			100	UndOpc Sub code[100**] shows the error code of Fronius power source 100 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	PrfFit Sub code[101**] shows the error code of Fronius power source 101 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			102	IIIOPa Sub code[102**] shows the error code of Fronius power source 102 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	IIIIna Sub code[103**] shows the error code of Fronius power source 103 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	IIIIBus Sub code[104**] shows the error code of Fronius power source 104 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	Err105 Sub code[105**] shows the error code of Fronius power source 105 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			106	STKOVL Sub code[106**] shows the error code of Fronius power source 106 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			107	STKUVL Sub code[107**] shows the error code of Fronius power source 107 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			108	ErrDog Sub code[108**] shows the error code of Fronius power source 108 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			109	ASSErt Sub code[109**] shows the error code of Fronius power source 109 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			110	EDg 1 Sub code[110**] shows the error code of Fronius power source 110 :main error code ** :sub error code	Arc welding power source error	Update firmware, otherwise change the UST board. Confirm the Fronius's manual.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4291	DUPLICATED PAINT GUN NUMBER	The gun numbers duplicated.		Sub Code: The duplicated gun number	Setting error	Check the settings for gun numbers.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4300	VERIFY ERROR(SERVO PARAMETER)	The parameter input value is out of the allowable range.			Setting error	(1)Reset the alarm. (2)If the alarm occurs again, check whether the setting is within the allowable range.
					SDCA01 board failure	(1)Reset the alarm (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4301	CONTACTOR ERROR	The YRC1000 system checks the status of the power-ON (APU01 unit) contactors. This alarm occurs if there is an inconsistency between the control output and contactor status. Ex.) • The signal from the contactor turned OFF while the servo was ON. • The contactor turned ON while the servo was OFF for emergency stop.		Sub Code: Signifies the physical No. of contactor in which the alarm occurred Before performing a connection check of the wiring, turn OFF the controller power. Make sure that all the LEDs of SERVOPACK and converter are OFF, then verify that no electricity is charged using equipment such as a tester. This process may take a few minutes after shutting off the power.	APU01 unit failure	(1)Reset the alarm. (2)Check the connection and inserting state of the following cables and connectors. ·ASF01-CN205 ·APU01-CN604 (3)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the unit to be safe.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Reset the alarm.(In case of major alarm, turn the power OFF then back ON.) (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4303	CONVERTER READY SIGNAL ERROR	The YRC1000 system checks the converter status. This alarm occurs if the ready state signal of converter is not ON after a certain time period from SERVO ON. This alarm occurs if the ready state signal of converter is not OFF after a certain time period from SERVO OFF.		Sub Code: Signifies the physical No. of converter in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·APU01-CN604 ·SDCA01-CN507 ·Converter-CN551, CN561
					APU01 unit failure	(1)Reset the alarm. (2)Check if the contactors (1KM and 2KM) are open, and not damaged by melting or sticking. (3)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replacing the board to be safe.
					Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4304	CONVERTER INPUT POWER ERROR	The YRC1000 system checks the converter status. No response of primary power supply input was sent from the converter when the servo turned ON. The READY 1 signal remains ON when the servo turned OFF at emergency stop. The READY 1 signal turned ON while the servo was OFF for emergency stop.		Sub Code: Signifies the physical No. of converter in which the alarm occurred	APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN507, CPS01-CN154 ·SDCA01-CN531, CN532, CN533 ·Converter-CN551, CN557, CN561 ·APU01-CN602
					Module failure (converter)	(1)Reset the alarm (2)If the alarm occurs again, replace the converter.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4305	CONVERTER CIRCUIT CHARGE ERROR	The YRC1000 system checks the converter charge status. No response (READY 2 signal) of charge completion was sent from the converter when the servo turned ON. The READY 2 signal turned OFF while the servo was ON. The READY 2 signal remains ON when the servo turned OFF at emergency stop. The READY 2 signal turned ON while the servo was OFF for emergency stop.		Sub Code: Signifies the physical No. of converter in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the Converter-CN556 connectors.
					Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					Module failure (Regenerative resistor)	Check if there is no ground fault in the regeneration resistors.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4306	AMPLIFIER READY SIGNAL ERROR	No response "Power ON" was sent from the amplifier when the servo turned ON. The amplifier READY signal turned OFF while the servo was ON. The amplifier READY signal remains ON when the servo turned OFF at emergency stop. The amplifier READY signal turned ON while the servo was OFF for emergency stop.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN501, CFS01-CN154 ·SDCA01-CN531, CN532, CN533 ·Inverter board-CN571, SDCA01-CN509 ·Converter-CN557
					Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, check if the LED (green) for amplifier is lighted up when servo power is ON. (3) If it is lighted, replace the converter.
					Module failure (amplifier)	(1)Reset the alarm. (2)If the alarm occurs again, replace the corresponding amplifier.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check that the manipulator is not moving when the servo turned ON.
4307	SERVO ON DEFECTIVE SPEED	This alarm occurs if any manipulator axis moves (or any motor operates) when the servo power turned ON.		Sub Code: Signifies the axis in which the alarm occurred	Mechanical failure	Check that the brake has not been released because the brake relay is broken.
					SDCA01 board failure	

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. [Robot axis] ·SDCA01-CN501 ·Inverter board-CN571, CN573-CN579 ·Power supply cable (Power cable) [External axis] ·SDCA01-CN531, CN532, CN533 ·SDB (External axis SERVO PACK) -CN591 ·Power supply cable (Power cable)
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4308	VOLTAGE DROP(CONVERTER)	This alarm occurs if there is any error in the charge status of converter when the servo power turned ON.		Sub Code: Signifies the physical No. of converter in which the alarm occurred	Voltage failure	Check if the primary power supply voltage is dropping.
					Connection failure	(1)Reset the alarm (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN507, CPS01-CN154 ·SDCA01-CN531, CN532, CN533 ·Converter-CN557, CN561 ·SDB (External axis SERVO PACK) - CN591,592
					Module failure (converter)	(1)Reset the alarm.(In case of major alarm, turn the power OFF then back ON.) (2)If the alarm occurs again, replace the converter.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4310	ENCODER OVERHEAT	The encoder monitors its own temperature; if the temperature exceeds the specified value, the alarm occurs. Reset the alarm, and if the encoder detects overheat, the message of "the motor is overheating" is occurred.		Sub Code: Signifies the axis in which the alarm occurred	Overheated encoder	Turn OFF the YRC1000 power for approx. 10 minutes, then turn it ON again.
					High ambient temperature	Adjust the ambient temperature to 40°C or less.
					Module failure (encoder)	(1)Reset the alarm. (2)If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4311	ENCODER BACK-UP ERROR	Encoder resetting (initialization) not completed. The position data in the encoder was lost due to the voltage drop of encoder backup battery.		Sub Code: Signifies the axis in which the alarm occurred	Module failure (encoder battery)	[AL-4314 occurred] Replace the battery of the axis in which the error occurred. [AL-1327 occurred] Replace the battery of the axis in which the alarm occurred. If the home position of the corresponding axis is displayed as "****", register the home position again. AL-1327 occurs due to the battery disconnection (weak battery), causing undefined alarm data. If the alarm doesn't occur after turning the power OFF and then ON, there is no problem.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. [Robot axis] ·Cable between encoders ·SDCA01-CN508 [External axis] ·Cable between encoders ·SDCA01-CN534, CN535, CN536
					Module failure (encoder)	(1)Reset the alarm. (2)If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4312	ENCODER BATTERY ERROR	Encoder backup battery voltage is too low. The voltage of the encoder backup battery is below 2.8V.			Module failure (encoder battery)	Replace the battery.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the Manipulator cables.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4315	COLLISION DETECT	A collision was detected because of the interference between the manipulator and a peripheral device. The external force applied to the robot exceeded the threshold.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·The tool information ·The selection tap of the transfer ·The collision detection level ·JOB ·Work ·The speed of JOB ·The acceleration/deceleration speed of ACC and DEC ·Length of the power cables ·Diameter of the power cables <p>Remove the following interferences.</p> <ul style="list-style-type: none"> ·The interferences to the jigs of Robot. ·The interferences to the jigs of workpieces. ·If there is no interference between robot and workpieces, set the shock detection level to more than maximum external value. Up to 500% can be set.
					Interference error	<p>This alarm occurs when excessive load is applied to the motor upon the satisfactions of all the following conditions;</p> <ul style="list-style-type: none"> ·The acceleration/deceleration is automatically calculated by the manipulator's position at start/end point ·The JOB is stopped by category 1 stop or HOLD stop ·Compared to the start/end point, excessive load is applied to the motor according to the position <p><Remedy> Adjust the acceleration/deceleration by ACC and DEC for the teaching position. Also, make sure to run the machine enough before operation when this alarm occurs at low temperature environment (ambient temperature: 10°C)</p>
					Acceleration limit over	

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN501, CN531, CN532, CN533, CN540, CN541 ·Inverter board-CN571, SDCA01-CN509 ·CPS01-CN154 ·SDB (External axis SERVO PACK)-CN591,594 ·Motor power wire
					Connection failure	(1) If the alarm occurs again, check the wiring of phase-U, -V, and -W isn't disconnected. (2) If disconnected, replace the motor power wire.
					Connection failure	(1) Check that the motor brake wire is not disconnected. (2) If disconnected, replace the motor brake wire.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board.
					Module failure (amplifier)	(1)Reset the alarm. (2)If the alarm occurs again, replace the amplifier.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					Maintenance failure	Measure the density of grease iron powder in the speed reducer and do the maintenance.
					Defective speed reducer	Replace the speed reducer or the grease of it.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4316	PRESSURE DATA LIMIT	The pressure set in the gun pressure file or dry spotting pressure file exceeded the maximum pressure set in the gun condition file.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the following settings. ·The gun pressure file ·The dry spotting pressure file *Reset the pressure value in the gun pressure file below the maximum pressure value
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4318	ENCODER CORRECTION LIMIT	This alarm occurs if the value generated from the position data of encoder exceeds the limit value.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. [Robot axis] ·Cable between encoders ·SDCA01-CN508 [External axis] ·Cable between encoders ·SDCA01-CN534, CN535, CN536
					Module failure (encoder)	(1)Reset the alarm. (2)If the alarm occurs again, replace the encoder.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4320	OVERLOAD(CONTINUE)	This alarm occurs to protect the servo motor from overloading when 110% to 150% of the rated torque is continuously loaded.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the tools or the mass of the workpieces. Check if the manipulator interferes with any objects such as workpieces or peripheral devices. If interferes, remove the object.
					Setting error	Review the JOB to check if the load factor doesn't exceed 100%.
					SDCA01 board failure	(1)Check if the power has been applied to the brake voltage of the following terminal. Check that the brake has not been locked due to malfunction of the contactor. ·SDCA01-CN540 ·Motor brake terminal (2) If any error is found, replace the SDCA01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the wire harnesses in the robot.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the tools or the mass of the workpieces.
4321	OVERLOAD(MOMENT)	This alarm occurs instantly to protect the servo motor from overloading when 200% of the rated torque is loaded.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check if the manipulator interferes with any objects such as workpieces or peripheral devices. If interferes, remove the object. Review the JOB to check if the load factor doesn't exceed 100%.
					Interference with peripheral devices	Check if the manipulator interferes with any objects such as workpieces or peripheral devices. If interferes, remove the object.
					Setting error	Review the JOB to check if the load factor doesn't exceed 100%.
					SDCA01 board failure	(1)Check if the power has been applied to the brake voltage of the following terminal. Check that the brake has not been locked due to malfunction of the contactor. ·SDCA01-CN540 ·Motor brake terminal (2) If any error is found, replace the SDCA01 board.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the wire harnesses in the robot.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4322	AMPLIFIER OVERLOAD(CONTIN UE)	This alarm occurs to protect the power transistor of the servo pack from overloading when 110% to 150% of the rated torque is continuously loaded		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the tools or the mass of the workpieces.
					Interference with peripheral devices	Check if the manipulator interferes with any objects such as workpieces or peripheral devices. If interferes, remove the object.
					Setting error	Review the JOB to check if the load factor doesn't exceed 100%.
					SDCA01 board failure	(1)Check if the power has been applied to the brake voltage of the following terminal. Check that the brake has not been locked due to malfunction of the contactor. ·SDCA01-CN540 ·Motor brake terminal (2) If any error is found, replace the SDCA01 board.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the wire harnesses in the robot.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4323	AMPLIFIER OVERLOAD(MOMENT)	The torque a several times as much as the motor rated torque has continuously been applied for a certain period.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the tools or the mass of the workpieces.
					Interference with peripheral devices	Check if the manipulator interferes with any objects such as workpieces or peripheral devices. If interferes, remove the object.
					Setting error	Review the JOB to check if the load factor doesn't exceed 100%.
					SDCA01 board failure	(1)Check if the power has been applied to the brake voltage of the following terminal. Check that the brake has not been locked due to malfunction of the contactor. ·SDCA01-CN540 ·Motor brake terminal (2) If any error is found, replace the SDCA01 board.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the wire harnesses in the robot.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4324	CONVERTER OVERLOAD	The total load value of all the motors connected to the converter exceeded the converter rating.			Setting error	<ul style="list-style-type: none"> ·Confirm that the tool and workpiece in use don't exceed the permissible load. ·Adjust the JOB speed.
					Module failure (converter)	<ul style="list-style-type: none"> (1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	<ul style="list-style-type: none"> (1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4326	OVER SPEED	This alarm occurs if the motor speed indicated in the axis data exceeds the allowable maximum motor speed.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	<ul style="list-style-type: none"> If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs. If the alarm occurs for the motor gun, check the following settings. <ul style="list-style-type: none"> ·Setting of the touch speed ·Setting of the touch pressure
					Connection failure	<ul style="list-style-type: none"> (1)Reset the alarm.(In case of major alarm, turn the power OFF then back ON.) (2)If the alarm occurs again, check the wiring of phase-U, -V, and -W is correct.
					Module failure (motor)	<ul style="list-style-type: none"> (1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	<ul style="list-style-type: none"> (1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4327	WRONG MOTOR ROTATION	While the motor is accelerating, the direction of the torque and the speed was detected as being the opposite of what it was supposed to be.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	<ul style="list-style-type: none"> (1)Reset the alarm. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. <ul style="list-style-type: none"> ·Motor power cable ·Inverter board-CN573-CN578 ·Encoder cable ·SDCA01-CN508 ·SDCA01-CN534, CN535, CN536

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4328	SERVO TRACKING ERROR	The axis deviated from the specified position and motion path beyond the allowable range.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the following settings. ·The tools or the mass of the workpieces
					Interference error	Check if the manipulator interferes with any objects such as workpieces or peripheral devices. If interferes, remove the object.
					Acceleration limit over	This alarm occurs when excessive load is applied to the motor upon the satisfactions of all the following conditions; ·The acceleration/deceleration is automatically calculated by the manipulator's position at start/end point ·The JOB is stopped by category 1 stop or HOLD stop ·Compared to the start/end point, excessive load is applied to the motor according to the position <Remedy> Adjust the acceleration/deceleration by ACC and DEC for the teaching position. Also, make sure to run the machine enough before operation when this alarm occurs at low temperature environment (ambient temperature: 10°C)
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·Inverter board-CN573-CN578 ·Motor power wiring ·Power supply cable (Power cable) ·SDCA01-CN534, CN535, CN536

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Check if the power has been supplied to the brake voltage of the following terminal. Check that the brake has not been locked due to malfunction of the contactor. ·SDCA01-CN400 ·Motor brake terminal (2) If any error is found, replace the SDCA01 board.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Module failure (amplifier)	(1)Reset the alarm. (2)If the alarm occurs again, replace the amplifier.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4329	SAFETY SPEED ERROR(SERVO)	This alarm occurs if the motion speed at the center of the control point and the center of the flange exceeded the specified max. speed.	11	The motion speed at the center of the flange exceeded the specified max. speed. (R1)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs. Reset the alarm, and then try again.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The motion speed at the center of the flange exceeded the specified max. speed. (R1)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	The motion speed at the center of the control point exceeded the specified max. speed. (R1)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	The motion speed at the center of the control point exceeded the specified max. speed. (R1)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			211	The motion speed at the center of the flange exceeded the specified max. speed. (R2)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			212	The motion speed at the center of the flange exceeded the specified max. speed. (R2)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			221	The motion speed at the center of the control point exceeded the specified max. speed. (R2)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			222	The motion speed at the center of the control point exceeded the specified max. speed. (R2)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			311	The motion speed at the center of the flange exceeded the specified max. speed. (R3)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			312	The motion speed at the center of the flange exceeded the specified max. speed. (R3)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			321	The motion speed at the center of the control point exceeded the specified max. speed. (R3)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			322	The motion speed at the center of the control point exceeded the specified max. speed. (R3)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			411	The motion speed at the center of the flange exceeded the specified max. speed. (R4)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			412	The motion speed at the center of the flange exceeded the specified max. speed. (R4)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			421	The motion speed at the center of the control point exceeded the specified max. speed. (R4)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			422	The motion speed at the center of the control point exceeded the specified max. speed. (R4)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			511	The motion speed at the center of the flange exceeded the specified max. speed. (R5)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			512	The motion speed at the center of the flange exceeded the specified max. speed. (R5)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			521	The motion speed at the center of the control point exceeded the specified max. speed. (R5)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs. Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			522	The motion speed at the center of the control point exceeded the specified max. speed. (R5)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs. Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			611	The motion speed at the center of the flange exceeded the specified max. speed. (R6)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			612	The motion speed at the center of the flange exceeded the specified max. speed. (R6)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			621	The motion speed at the center of the control point exceeded the specified max. speed. (R6)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			622	The motion speed at the center of the control point exceeded the specified max. speed. (R6)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs. Reset the alarm, and then try again.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			711	The motion speed at the center of the flange exceeded the specified max. speed. (R7)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs. Reset the alarm, and then try again.
					Setting error	Reset the alarm, and then try again.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			712	The motion speed at the center of the flange exceeded the specified max. speed. (R7)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			721	The motion speed at the center of the control point exceeded the specified max. speed. (R7)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			722	The motion speed at the center of the control point exceeded the specified max. speed. (R7)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			811	The motion speed at the center of the flange exceeded the specified max. speed. (R8)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			812	The motion speed at the center of the flange exceeded the specified max. speed. (R8)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			821	The motion speed at the center of the control point exceeded the specified max. speed. (R8)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			822	The motion speed at the center of the control point exceeded the specified max. speed. (R8)	Setting error	If the alarm occurs at the same site, set the lower motion speed around the site where the alarm occurs.
					Setting error	Reset the alarm, and then try again.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check that U-, V- and W-phase are appropriately connected.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4331	SPEED MONITOR LEVEL ERROR	The speed monitor level is incorrect.			SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4336	OPEN PHASE(CONVERTER)	This alarm occurs if there is an open phase in the converter input power.		Sub Code: Signifies the physical No. of converter in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN507, CPS01-CN154 ·SDCA01-CN531, CN532, CN533 ·Converter-CN557, CN561 ·SDB (External axis SERVO PACK)-CN591, CN592
					Voltage failure	Modify the primary breaker voltage to the specified voltage 200V(+10% to 15%).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4337	OVERCURRENT(AM P)	This alarm occurs if a current exceeding the allowable maximum current is applied for amplifier. As a cause of the alarm, a ground fault in the U, V, or W wire, or a short circuit between these wires is suspected.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN501, CPS01-CN154 ·SDCA01-CN531, CN532, CN533 ·Inverter board-CN571, SDCA01-CN509 ·Converter-CN557 ·SDB (External axis SERVO PACK)-CN591,592
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the following cables. ·Manipulator cable ·Supply cable
					Module failure (amplifier)	(1)Reset the alarm. (2)If the alarm occurs again, replace the amplifier.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4340	TEMPERATURE ERROR(CONVERTER)	This alarm occurs if the converter temperature monitored by the YRC1000 system exceeds the specified value.		Sub Code: Signifies the physical No. of converter in which the alarm occurred	Install failure	Check that the air inlet or outlet is not blocked.
					High ambient temperature	Adjust the ambient temperature to 40°C or less.
					Voltage failure	Modify the primary breaker voltage to the specified voltage 200V(+10% to 15%).
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN507, CPS01-CN154 ·SDCA01-CN531, CN532, CN533 ·Converter-CN557, CN561 ·SDB (External axis SERVO PACK)-CN591,592
					Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4342	SV DRESS SPEED ERR	The speed of the servo dresser differs more than its limit from the setting.		Sub Code: Signifies the axis in which the alarm occurred	Metal pieces getting into dresser blades	Check if metal pieces getting into dresser blades prevent the dresser from rotating.
					Setting error	Check if the "SPEED FLUCTUATION LIMIT" setting in TIP DRESS CONDITION file is too small.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·Inverter board-CN573-CN578 ·Motor power wiring ·Power supply cable (Power cable)

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Check if the power has been supplied to the brake voltage of the following terminal. Check that the brake has not been locked due to malfunction of the contactor. ·SDCA01-CN400 ·Motor brake terminal (2) If any error is found, replace the SDCA01 board.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Module failure (amplifier)	(1)Reset the alarm. (2)If the alarm occurs again, replace the amplifier.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4343	SV DRESS SPEED ERR(UNDER PRESS)	During pressuring (dressing) the speed of the servo dresser differs more than its limit from the setting.		Sub Code: Signifies the axis in which the alarm occurred	Metal pieces getting into dresser blades	Check if metal pieces getting into dresser blades prevent the dresser from rotating.
					Setting error	Check the following settings. ·"PRESS CONDITION" setting in TIP DRESS CONDITION file is too small. (Check if they are too high.) ·"SPEED FLUCTUATION LIMIT" setting in TIP DRESS CONDITION file. (Check if it is too small).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·Inverter board-CN573-CN578 ·Motor power wiring ·Power supply cable (Power cable)
					SDCA01 board failure	(1)Check if the power has been supplied to the brake voltage of the following terminal. Check that the brake has not been locked due to malfunction of the contactor. ·SDCA01-CN400 ·Motor brake terminal (2) If any error is found, replace the SDCA01 board.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Module failure (amplifier)	(1)Reset the alarm. (2)If the alarm occurs again, replace the amplifier.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4344	LINEAR SERVOFLOAT TRACKING ERROR	The deviation of X, Y, and Z-axis exceeded the allowable limit while the linear servo float was in execution.			Setting error	(1)Check the settings for jobs. (2)Reset the alarm.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4345	LNK SERVOFLOAT EXECUTE ERROR	Request of the link servo float execution was sent to an axis where the linear servo float is executing.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	(1)Check the settings for jobs. (2)Reset the alarm.
4346	LNK SERVOFLOAT TRQ LIMIT ERROR	The limit torque of the link servo float condition file is outside the specified range.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Check the limit torque of the link servo float condition file. (2)Reset the alarm.
4347	LNR SERVOFLOAT TRQ LIMIT ERROR	The limit torque of the linear servo float condition file is outside the specified range.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Check the limit torque of the link servo float condition file. (2)Reset the alarm.
4348	LNR SERVOFLOAT COORD TYPE ERROR	While the linear servo float was in execution, another request of linear servo float execution was sent with a different coordinates specified.		Sub Code: Signifies linear servo float condition file number in which the alarm occurred	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Check the setting file of the job and the linear servo float. (2)Reset the alarm.
4349	LNR SERVOFLOAT TOOL POSE ERROR	Another request of the linear servo float execution with a different tool orientation control specified was sent to an axis where the linear servo float is executing.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Check the setting file of the job and the linear servo float. (2)Reset the alarm.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4350	LNR SERVOFLOAT EXECUTE ERROR	Request of the linear servo float execution was sent to an axis where the link servo float is executing.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	(1)Check the settings for jobs. (2)Reset the alarm.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4351	DRIVE BELT SNAP DETECT	The driving belt may be disconnected because the torque decreased below the normal value.		Sub Code: Signifies the axis in which the alarm occurred	Driving belt failure	(1)Check that the driving belt is not broken. (2)If the driving belt is broken, replace the driving belt.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4352	TWIN DRIVE OVER DEVIATION	The deviation of the position error pulse from the twin drive axis exceeded the allowable limit with twin drive function.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN501, CN531, CN532, CN533, CN540, CN541 ·Inverter board-CN571,CN573-579 ·CPS01-CN157 ·SDB (External axis SERVO PACK)-CN591,594 ·Motor power line
					Connection failure (motor power)	(1) If the alarm occurs again, check the wiring of phase-U, -V, and -W isn't disconnected. (2) If disconnected, replace the motor power wire.
					Connection failure (motor brake)	(1) Check that the motor brake wire is not disconnected. (2) If disconnected, replace the motor brake wire.
					SDCA01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the SDCA01 board.
					Module failure (amplifier)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the amplifier.
					Module failure (motor)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the motor.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4353	DEFECTIVE TAUGHT POINT(ENDLESS)	This alarm occurs if the feedback pulse count of endless operation axis exceeds the allowable maximum pulse count (229 = 536, 870, 912).		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Setting of the command soft (JOB) ·MRESET instruction to corresponding axis
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4354	FILE NO. ERROR(SHOCK LEVEL)	The collision detection file for exclusive use for the SVSPOT is used with the SHCKSET instruction.		Sub Code: File number	Setting error	Do not use the collision detection file for exclusive use for the SVSPOT with the SHCKSET instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4355	EXTERNAL PRES DETECT(SERVOFLOAT)	An external force above the threshold was detected on the servo-float executing axis.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the settings for jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4356	ARM CTRL PARAMETER ERR(OBSERVER)	The search of motor-gun equalizing function cannot be executed because no observer (including collision detection) is specified.			Setting error	Check the settings for jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4357	IMPOSSIBLE SRCH(EQUALIZE TEACH)	The manipulator orientation at the execution of search of the motor-gun equalizing function is the orientation for the singular point.			Setting error	Check the settings for jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4358	DUPLICATED PRESS ERROR	The pressuring instruction was executed again for the axis where pressuring is executing.			Setting error	End the current pressuring operation, and then execute the pressuring instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4359	CONVERTER ERROR	An error occurred in the converter.		Sub Code: Signifies the physical No. of converter in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN507, CPS01-CN154 ·SDCA01-CN531, CN532, CN533 ·Converter-CN557, CN561 ·SDB (External axis SERVO PACK)-CN591,592
					Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4364	GUN SOFTLIMIT	The gun axis exceeded the software limit while pressuring operation is executed.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the following settings. ·Home position of gun axis [Released side] Reset the software limit of released side gun. (Parameter S1CxG800 or 810) [Closed side] Reset the software limit at the gun closed side. Add the moving amount of tip wear. (Parameter S1CxG800 or 810) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4365	TOUCH DETECT DATA OVER	In comparison to the position, where the gun tip hits the welded target, at the previous wear detection, the position during pressuring exceeded the allowable limit which had been set in "ALLOAWABLE TOUCH RANGE" in the GUN DETAIL SETTING file.			Setting error	Check the following settings. ·Home position of gun axis ·"ALLOAWABLE TOUCH RANGE" in the GUN DETAIL SETTING file ·"PULSE - STROKE" setting in the GUN CONDITION file.
4366	GUN BEND COMPENSATION SET ERROR	The function of gun bending correction was performed to the model which was not supported for the function. No gun and robot axis exists in the same SV board.		Sub Code: Signifies the group in which the alarm occurred	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check if this model is supported.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4367	ROBOT POSE ERROR	Because the manipulator position is the singular point, the robot can not execute the gun arm bend compensation.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	(1)Check the teaching position. (2)In case the alarm occurs at SVSPOT or SVSPOTMOV instruction, if you disable the gun arm bend compensation by specifying the BCOFF tag to the instruction, the alarm won't occur.
4371	SYSTEM ERROR(SERVO)	Error at SDCA01 boards	33	Robot did not reach the command position within a certain time period.	Setting error	Check the parameter setting value.
				Other	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				Automatic test data error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			250	Control filter error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			251	Control filter error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			260	Control filter error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			261	Control filter error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7101	The override ratio is invalid.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7102	The override ratio is invalid.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7103	The override ratio is invalid.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7104	The override ratio is invalid.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7105	The override ratio is invalid.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7106	The override ratio is invalid.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7107	The override ratio is invalid.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7108	The override ratio is invalid.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7109	The override ratio is invalid.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7610	Gun Auto-tuning error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8111	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8112	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8113	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8114	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8115	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8816	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8817	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8818	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8819	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8121	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8122	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8123	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8124	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8125	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8126	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8127	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8128	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8129	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8131	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8132	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8133	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8134	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8135	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8136	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8137	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8138	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8139	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8141	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8142	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8143	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8144	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8145	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8146	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8147	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8148	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8149	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8151	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8152	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8153	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8154	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8155	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8156	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8157	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8158	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8159	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8161	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8162	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8163	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8164	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8165	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8166	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8167	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8168	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8169	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8171	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8172	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8173	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8174	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8175	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8176	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8177	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8178	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8179	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8181	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8182	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8183	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8184	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8185	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8186	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8187	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8188	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8189	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8191	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8192	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8193	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8194	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8195	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8196	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8197	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8198	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8199	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8200	The data error of ROBOT DUTY DIAGNOSIS FUNCTION was detected. (Sub Code: Signifies the data type and the axis in which the alarm occurred)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4378	CANNOT EXECUTE BRAKE LINE CHECK	This alarm occurs if any axis moves (i.e. falls by its own weight)		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	Check the brake connection.
				other	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4379	SAFETY RELAY ERROR(SERVO)	An feedback error of the output of STO signal is detected by SDCA01 board in diagnosis process.		Sub Code: Signifies the control axis number which detected an error	Setting error	Check the settings for CONNECTION(STO/CONTACTOR) in maintenance mode
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the ASF01-CN205 connectors.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. Save the CMOS.BIN before replacing the board to be safe.
				other	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4398	PULSE LIMIT(SERVO)	The speed control axis exceeded its pulse limit.		Sub Code: Control group and axis	Setting error	Check the following settings. ·Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is within the motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4399	SERVO TRACKING ERROR(LOW)	The axis deviated from the specified position and motion path beyond the allowable range.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the following settings. - The tools or the mass of the workpieces
					Interference error	Check if the manipulator interferes with any objects such as workpieces or peripheral devices. If interferes, remove the object.
					Acceleration limit over	This alarm occurs when excessive load is applied to the motor upon the satisfactions of all the following conditions; - The acceleration/deceleration is automatically calculated by the manipulator's position at start/end point - The JOB is stopped by category 1 stop or HOLD stop - Compared to the start/end point, excessive load is applied to the motor according to the position <Remedy> Adjust the acceleration/deceleration by ACC and DEC for the teaching position. Also, make sure to run the machine enough before operation when this alarm occurs at low temperature environment (ambient temperature: 10 degrees)

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. - Inverter board-CN573-CN578 - Motor power wiring - Power supply cable (Power cable) - SDCA01-CN534, CN535, CN536
					SDCA01 board failure	(1)Check if the power has been supplied to the brake voltage of the following terminal. Check that the brake has not been locked due to malfunction of the contactor. - SDCA01-CN400 - Motor brake terminal (2) If any error is found, replace the SDCA01 board.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the board to be safe.
					Module failure (amplifier)	(1)Reset the alarm. (2)If the alarm occurs again, replace the amplifier.
					Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4400	NOT READY (ARITH)	The arithmetic process section was not completed within the specified time.	1	The arithmetic process for motion control did not complete within regulated time. No motion command was prepared.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The arithmetic processing section is not ready for JOG operation.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	The arithmetic processing section is not ready for the playback operation.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The prereading processing in the arithmetic processing section has not completed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The arithmetic processing section is not ready for the timer follow-up of the conveyor tracking function.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The prereading processing in the arithmetic processing section has not completed when specifying the target position.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The prereading processing in the arithmetic processing section has not completed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4401	SEQUENCE TASK CONTR ERROR	An error occurred in job execution process.	1	Unused A_BANK does not exist in the prereading processing of move instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Unused bank priority does not exist in the prereading processing of move instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	A_BANK pointer is not set.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	A_BANK conversion could not be performed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The specified A_BANK number does not exist.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			20	An error occurred when system number (MSS) was obtained.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	An error occurred in RMS960 system call.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	Undefined interrupt command was received.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	Job start condition is not defined.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	An error occurred in instruction prefetch queue operation.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	Intermediate code is not defined.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			29	Instruction prereading processing has not been completed normally.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	An error occurred in job data change.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	The specified sequence number at job execution start is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	The added area for interruption command is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	System number (MSS) for interruption command is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			38	An error occurred at start of twin synchronous operation.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			39	An error occurred when SYNC specification was reset.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			41	An error occurred in occupation control group setting in MOTION section.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			45	An error occurred in path/trace control.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			47	An error occurred when waiting for a completion of main system task (job) in SYNC specification.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			48	An attempt was made to execute an instruction that could not be executed at line sequence execution.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			49	An error occurred while obtaining the instruction information.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			80	An exceptional error occurred in job execution process.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			100	Main processing command is incorrect in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	Subprocessing command is incorrect in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			102	Prereading processing has not been completed at job execution.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	A_BANK conversion has not been completed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	System number (MSS) is incorrect in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	An error occurred in instruction prefetch queue operation in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			106	An error occurred at IES switching in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4402	UNDEFINED COMMAND(ARITH)	An undefined command or unused command was issued to the path control section.			Software operation error Setting error	(1)Reset the alarm, and then try again. (2)Check the following settings. ·the base-axis position must be registered for the system with base-axis MOV L P00001 BP00001 (3)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4403	UNDEFINED IOSPDCTRL HOME POS	The Home Position is not registered.		Sub Code: Control group	Setting error	Register the home position for IOSPDCTRL axis.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4404	ARITHMETIC ERROR	An error occurred in the arithmetic process for coordinates.	8	Interpolation such as linear and circular interpolation cannot be performed with this manipulator.	Setting error	Change the step (move instruction), where the alarm occurred, to MOVJ.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			10	The setting of the form data for Flip/No Flip is not "B-axis Angle."	Setting error	Set "1" to "S2C658: Type data detail settings".
			11	An attempt was made to pass the B-axis zero degree position (singular area).	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the teaching position of the job so that the manipulator does not pass the B-axis zero degree position (singular area).
			12	An attempt was made to pass the B-axis zero degree position (singular area) during interpolation.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the teaching position of the job so that the manipulator does not pass the B-axis zero degree position (singular area).
			13	Wrist axis tended to rotate to the inverse with the teaching direction.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the teaching position of the job so that a wrist axis does not inverse rotation.
4406	GROUP AXIS CONTROL ERROR	An internal control error occurred in a coordinated motion.	1	Designation error for master and slave	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Slave designation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Slave interpolation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	No designation of master axis	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Master-axis designation error for JOG motion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Slave-axis designation error for JOG motion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Occupation control error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Designation error of occupation control for JOG motion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Designation error of occupation control for Bank position	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Designation error of occupation control group for tracking motion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	No master and slave designated for tracking motion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4407	TWO STEPS SAME POSITION(CIRC)	Among three taught points in a circular interpolation step, two or three points are on the same point.			Setting error	Check the settings for teaching position of circular interpolation steps so that each point is different.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4408	TWO STEPS SAME POSITION(SPLINE)	Among three taught points in a spline interpolation step, two or three points are on the same point.			Setting error	Check the settings for teaching position of spline interpolation step so that each point is different.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4409	TWO STEPS SAME POSITION(3 STEPS)	Among three taught points to create an user coordinate system, two or three points are on the same point.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for three taught points to create an user coordinate system so that each point is different.
4410	TWO STEPS SAME POSITION(WEAV)	Among three taught points (start, end, and reference points) to create a weaving coordinate system, two or three points are on the same point.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for taught points (start, end, and reference points) so that each point is different.
4411	TEACH ERROR(SPLINE)	The distance between the teaching points in the spline interpolation section is not equidistant.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the teaching position of spline interpolation section so that the distance between the teaching points is even.
4412	IMPOSSIBLE LINEAR MOTION(L/U)	In case the form (folded direction) of L- and U- axes at start point and end point are different except for MOVJ instructions, the manipulator cannot move.			Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Perform the teaching again to make the form of L- and U-axes same at start point and end point. ·Use a MOVJ instruction again.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4413	IMPOSSIBLE LINEAR MOTION(S/L)	In case the form (folded direction) of S- and L- axes at start point and end point are different except for MOVJ instructions, the manipulator cannot move.			Setting error	Check the following settings. ·Perform the teaching position again to make the form of S- and L-axes same at start point and end point. Use a MOVJ instruction again.
4414	EXCESSIVE SEGMENT (LOW/HIGH)	This alarm occurs if the operation command which exceeds the designated max. speed is output. It may occur when the robot operates near the singular point or when the robot is going to change its orientation widely with single control point.		Sub Code: Control group and axis	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reduce the speed in the step where the alarm occurred. (2)Change the move instruction to joint interpolation (MOVJ). * Be careful to the peripheral interference since its movement changes.
4416	PULSE LIMIT(MIN./MAX.)	The manipulator exceeded its motion limit (pulse limit) in the negative (-) and the positive (+) direction.		Sub Code: Control group and axis	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is within the motion range.
4418	CUBE LIMIT(MIN./MAX.)	The manipulator TCP exceeded its motion limit (cube limit) in the negative (-) direction.		Sub Code: Control group and XYZ	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is within the motion range.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4420	SPECIAL SOFTLIMIT(MIN./MAX.)	The manipulator exceeded its motion limit (special software limit) in the negative (-) and the positive (+) direction.		Sub Code: Control group and axis	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is within the motion range.
4422	MECHANICAL INTERFERENCE(MIN./MAX.)	Links interfered between manipulators.		Sub Code: Control group and axis	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is within the motion range.
4424	SPECIAL MECHANICAL INTRF(MIN./MAX.)	Links interfered between manipulators.		Sub Code: Control group and axis	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is within the motion range.
4426	PULSE MECHANICAL LIMIT(MIN./MAX.)	The manipulator exceeded its motion limit (mechanical limit) in the negative (-) and the positive (+) direction.		Sub Code: Control group and axis	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is within the motion range.
4428	SEGMENT CONTROL ERROR	An error occurred in the segment processing section that controls the arithmetic section.	1	RT-buffer control command error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Segment-receiving control command error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	No bank priority	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Answer error at MOVE simulating	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The value of bank_refresh_flag(x) exceeded its limit.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	RT-buffer tracking option error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	The segment was received although the previous segment had not been sent.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4429	WRONG SPECIFIED CONTROL GROUP	An error occurred in the manipulator information at job execution.	1	Control group not designated	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Slave control-group error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Master control-group error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Master and Slave control-group error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Control-group error for a job file	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Control-group error for a user coordinate file	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7	Control-group error for a calibration file between manipulators	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Control-group error for a tool calibration file	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Control-group error for prereading-calculation start point (for adv_st_pos)	Software operation error occurred	(1)Reset the alarm, and re-select the job from [select job] window before starting the job again . (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Control-group error for the current-value preset position	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	Control-group error for the conveyor prereading-calculation start point	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	Occupation control-group error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	Control-group error for servo hand	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	Control-group error for the prereading-calculation start point (for dm_st_pos)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	Control-group error for prereading-calculation start point (for dim_st_pos)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	Control-group error for paint gun	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4430	CPU COMMUNICATION ERROR	An error occurred in interrupt process between CPUs.	1	Interrupt processing error between MOTION section and system control section	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Interrupt processing error between MOTION section and SL#1	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Interrupt processing error between MOTION section and SL#2	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Interrupt processing error between MOTION section and SL#3	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Interrupt processing error between MOTION section and SL#4	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Interrupt processing error between MOTION section and SL#5	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Interrupt processing error between MOTION section and SL#6	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Interrupt processing error between MOTION section and SL#7	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Interrupt processing error between MOTION section and SL#8	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Interrupt processing error between MOTION section and CV#1	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Interrupt processing error between MOTION section and CV#2	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	Interrupt processing error between MOTION section and PS#1	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			13	Interrupt processing error between MOTION section and PS#2	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4431	JHM ERROR	Data error occurred in job control process.	1	An error occurred in JMS system call when an attempt was made to open a job.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	No space was found in job handle value storage area when an attempt was made to open a job.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	No job handle was found.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Job control proprietary is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Job control proprietary could not be changed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	An error occurred in exclusive control.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4432	INSTRUCTION INTERPRETER ERROR	An error occurred in instruction interpretation/ execution process.	1	The intermediate code of the instruction that is to be executed is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Destination (variable) tag arrangement is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Tag data type is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Box number is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	An error occurred in block separation processing of intermediate code.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Box number definition is duplicated.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Undefined instruction was found at block separation of intermediate code.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	IPRM is not set.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	An error occurred in tag data search process.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	An error occurred move instruction search process.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	Variable information does not exist.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	An error occurred at position file data reading.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	Variable data type is not defined.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	An instruction is included with incorrect intermediate code in expression instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	The syntax in expression instruction is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			20	The tag data length is zero when tag data is read.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	The necessary tag data is not set.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	The object to be processed was secret variable in position file control process, so it could not be processed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	The object to be processed was position type variable in position file control process, so it could not be processed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	Job argument settings do not match when a variable is given and/or taken between jobs.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	An attempt was made to perform undefined operation at four-rule operation instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	Arithmetic stack used for expression operation exceeded.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			27	Arithmetic stack used for expression operation is empty.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			28	Operation items are lacking in expression operation and operation processing cannot be performed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			29	The number of executing the sub-instruction with EXEC processing exceeded the maximum number.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			30	An error occurred by the setting of the character-string type variable in the ARGF instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	The intermediate code of IFEXPRESS instruction is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	The syntax of IFEXPRESS instruction is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	The number of components of the IFEXPRESS instruction exceeded.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	The stack used for executing the IFEXPRESS instruction overflowed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	The stack used for executing the IFEXPRESS instruction did underflow.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			36	The reinterpretation of the instruction was ordered when executing the instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			37	Tag data (box number) of the instruction that is to be executed is not supported.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			38	VARGF is not set.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			254	Access mechanism for old parameters is used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			255	An exceptional error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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4433	UNDEFINED GLOBAL VARIABLE	The global variable is not defined.	0	The set data for byte type variable area is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The set data for integer type variable area is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The set data for double-precision integer-type variable area is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The set data for real type variable area is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The set data for character-string type variable area is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The set data for robot-axis position-type variable area is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The set data for base-axis position-type variable (SID parameter) area is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The set data for station-axis position-type variable (SID parameter) area is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4435	UNDEFINED LOCAL-VARIABLE	The local variable is not defined.	0	The byte type variable is not defined.	Setting error	Set the number of local variables to be used in the job header.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The integer type variable is not defined.	Setting error	Set the number of local variables to be used in the job header.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The double-precision integer-type variable is not defined.	Setting error	Set the number of local variables to be used in the job header.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The real-number type variable is not defined.	Setting error	Set the number of local variables to be used in the job header.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The character-string type variable is not defined.	Setting error	Set the number of local variables to be used in the job header.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The robot-axis position-type variable is not defined.	Setting error	Set the number of local variables to be used in the job header.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The base-axis position-type variable is not defined.	Setting error	Set the number of local variables to be used in the job header.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The station-axis position-type variable is not defined.	Setting error	Set the number of local variables to be used in the job header.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4436	LESS THAN 3 STEPS(CIRCULAR)	An error occurred in circular interpolation instruction execution. There is no continuous three points or more for circular interpolation step.			Setting error	Perform teaching so that circulation interpolation steps are continuous three points or more.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4437	LESS THAN 3 STEPS(SPLINE)	An error occurred in spline interpolation instruction execution. There is no continuous three points or more for spline interpolation step.			Setting error	Perform teaching so that spline interpolation steps are continuous three points or more.
4438	UNDEFINED JOB	The job to be executed is not registered.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4439	UNDEFINED LABEL	An error occurred in label jump execution. The label for jump destination does not exist in the job.			Setting error	Check if the CALL/JUMP destination job is registered. If the job is not registered, delete the JUMP instruction where an alarm occurred.
4440	UNDEFINED RETURN JOB	Call source job does not exist in the job call stack.			Setting error	Check if the JUMP destination label is registered. If the label is not registered, delete the JUMP instruction where alarm occurred.
4441	LACK OF LOCAL-VARIABLE AREA	An error occurred when memory area for local variable was obtained. Memory area is lacking because too many local variables in the job are used.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Reduce the number of local variables to be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4444	UNSUCCESSFUL FINE POSITIONING	When PL = 0 or an external servo turned OFF, the number of the servo error pulses did not fall in the limit range that had been set in a parameter, within the specified time.		Sub Code: The lowest eight bits -> Bit specification of axis where error occurred. The highest eight bits -> Bit specification of control group number(0-31) where error occurred.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4445	DATA PRESET ERROR	Data error occurred at job prereading reinterpretation.	1	The token for prereading processing could not be obtained.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The prereading processing has not been completed within the time, and the waiting time for completion exceeded the limit.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The prereading operation processing has not been completed within the time, and the waiting time for completion exceeded the limit.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	An error occurred in prereading operation process.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	A_BANK conversion has not been completed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, turn the main power of controller off and then turn it on. Re-select the job from [select job] window before starting the job again . (3)If the alarm occurs again even though you do above (2), save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			255	An exceptional error occurred in job execution process.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4446	OVER VARIABLE LIMIT	The variable value exceeded the limit.	0	The variable value exceeded the limit.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The value for the binary (0/1) data type variable exceeded the limit.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The value for the signed 1-byte data type variable is less than the minimum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The value for the unsigned 1-byte data type variable is less than the minimum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The value for the signed 2-byte data type variable is less than the minimum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The value for the unsigned 2-byte data type variable is less than the minimum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	The value for the signed 4-byte data type variable is less than the minimum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The value for the unsigned 4-byte data type variable is less than the minimum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The value for the real-number 4-byte data type variable is less than the minimum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	The value for the character-string type variable is less than the minimum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32770	The value for the signed 1-byte data type variable exceeded the maximum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32771	The value for the unsigned 1-byte data type variable exceeded the maximum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32772	The value for the signed 2-byte data type variable exceeded the maximum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32773	The value for the unsigned 2-byte data type variable exceeded the maximum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32774	The value for the signed 4-byte data type variable exceeded the maximum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32775	The value for the unsigned 4-byte data type variable exceeded the maximum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32776	The value for the real-number 4-byte data type variable exceeded the maximum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32782	The value for the character-string type variable exceeded the maximum value.	Setting error	Check the settings for variable, and then correct the job to fall within the input range of the tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4447	DEFECTIVE TAUGHT POINT(CIRC)	Incorrect teaching of circular interpolation steps. The three points taught for the circular interpolation step lie in a straight line.	1	Starting point and destination point are the same position.	Setting error	Change the teaching points so that circular interpolation points do not to same.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Any points of the circular interpolation are the same position.	Setting error	Change the teaching points so that circular interpolation points do not to same.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Any points of the circular interpolation are the same position as the center position.	Setting error	Change the teaching points so that circular interpolation points do not to same as the center point of circular path.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The three points taught for the circular interpolation points line in a straight line.	Setting error	Change the teaching points so that circular interpolation points do not line in a straight line.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The starting point and destination point taught for the circular interpolation points line in a straight line.	Setting error	Change the teaching points so that circular interpolation points do not line in a straight line.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Rotation angle of circular interpolation is out of range.	Setting error	Change the rotation angle of circular interpolation.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-1	Failed to calculate the circular path.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-2	Circular interpolation different ways in multiple robots are specified.	Setting error	Specify the same circular interpolation method to all robots.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4448	WEAVING D3251	An error occurred in weaving control.	1	Weaving control-group designation error	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	When the speed is specified by weaving time in the weaving file, zero or the negative value is set for the weaving time.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the value 0.1 seconds or more.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	When the speed is specified by frequency in the weaving file, zero or the negative value is set for the frequency.	Setting error	Reset the value 0.1 Hz or more.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	When the timer mode is specified in the weaving file, a negative value is set for the timer value.	Setting error	Set a positive value for the timer value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	For triangle or L-type weaving, zero is set for the vertical or horizontal distance.	Setting error	Set a positive value for the vertical and horizontal distance.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The coordinate control axis designation for the reference point is different from actual control axis.	Setting error	Match the control group designation of the wall point and weaving execution.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	The distance between the point P and the TCP could not be calculated in wrist weaving.	Setting error	Set the correct dimensions in the tool data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The distance between the point P and the TCP could not be calculated in circular wrist weaving.	Setting error	Set the correct dimensions in the tool data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The Y-direction element of circular coordinate system for circular wrist weaving could not be calculated.	Setting error	Check the settings for wall and horizontal direction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The X-direction element of circular coordinate system for circular wrist weaving could not be calculated.	Setting error	Check the settings for wall and horizontal direction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	Weaving basic-orientation calculation error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	Calculation error of horizontal- and wall-direction vector for weaving	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the number of the weaving synchronizing file for use.
			16	Weaving synchronization file number selection range error	Setting error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	Weaving interpolation error	Setting error	The ELLIPSE weaving can move, when MOV_L or MOV_C is taught. Check the job contents.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	Weaving coordinated motion error	Setting error	The independent motion and coordinated motion are taught in the weaving section. In one weaving section teach the independent motion or coordinated motion only. Check the job contents.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4449	UNMATCHED POSN VAR DATA TYPE	The position type variable data type is different.			Setting error	Match the data type of position type variable.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4450	FILE NO. ERROR	An error occurred in tool file number check.	1	An error occurred in tool file number check.	Setting error	Confirm that the specified tool file number is 0 to 63.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An error occurred in user coordinate file number check.	Setting error	Confirm that the specified user coordinate file number is 1 to 63.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An error occurred in calibration file number check between the manipulators.	Setting error	Confirm that the specified robot calibration file number is 1 to 32.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	An error occurred in tool calibration file number check.	Setting error	Confirm that the specified tool file number is 0 to 63.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	An error occurred in reference point number check.	Setting error	Confirm that the specified robot calibration file number is 1 to 8.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	An error occurred in check for welding start condition file number.	Setting error	Confirm that the specified welding condition start file number is 1 to 48.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	An error occurred in check for welding end condition file number.	Setting error	Confirm that the specified welding condition end file number is 1 to 48.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	An error occurred in conveyor characteristic file number check.	Setting error	Confirm that the specified conveyor condition file number is 1 to 6.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	An error occurred in press characteristic file number check.	Setting error	Confirm that the specified press characteristic file number is 0 to 3.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	An error occurred in conveyor calibration file number check.	Setting error	Confirm that the specified conveyor calibration file number is 1 to 6.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			13	An error occurred in argument number check.	Setting error	Confirm that the argument number is 1 to 16.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	An error occurred in check for motor gun characteristic file number.	Setting error	Confirm that the specified servo gun characteristic file number is 1 to 24.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4451	UNDEFINED REFERENCE POINT	An error occurred in the reference point data. The reference point is not registered or is insufficient.		Sub Code: Reference point number in binary	Setting error	Set the reference point.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4452	STACK MORE THAN 10 (JOB CALL)	The job call stack exceeded the limit. An attempt was made to add more than twelve stacks in the job call stack.			Setting error	Change the job configuration so that the number of nests for CALL instruction is twelve or less.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4453	OVER VARIABLE NO.	The variable number is out of range.		The variable number is out of range. Sub Code: The variable number which an attempt was made to use	Setting error	Correct the job using the variable number within the range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4454	UNDEFINED POWER SOURCE COND.	The arc welding characteristic file is not set.			Setting error	Complete the settings for the arc welding characteristic file.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4455	UNDEFINED ARC START COND FILE	The welding start condition file is not set.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Complete the settings for the welding start condition file.
4456	UNDEFINED ARC END COND FILE	The welding end condition file is not set.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Complete the settings for the welding end condition file.
4457	WRONG WELDER SELECTION	An error occurred in welder type check. The reference unit for the welding voltage and the welder type (independent/unified) do not match.			Setting error	Check the settings for the reference unit of the welding voltage.
4459	EXCESSIVE INSTRUCTION EQUATION	An error occurred in expression operation. The operation is impossible because the expression is too long.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Separate the operation expression, shorten the expression, and then check the settings for the job.
4460	ZERO DIVIDED OCCURRENCE	An error occurred in operation instruction. Zero division occurred.			Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Do not divide by zero.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4461	UNDEFINED AUTO-WELD RELEASE COND	An error occurred in automatic welding release conditions. The number of welding release condition is zero for arc auxiliary file.			Setting error	Check the settings for the number of times of welding release condition.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4462	UNDEFINED POSITION FOR ARC RETRY	An error occurred at arc retry execution. The arc retry has been set, but no move instruction exists following ARCON instruction.			Setting error	Check the settings for the move instruction following ARCON instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4463	PARITY ERROR	The parity check for user I/O group detected the data error.			Setting error	Check the settings for the parity data of the user I/O group.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4464	OVER BCD RANGE	The BCD value exceeded the limit. An attempt was made to output a value above the maximum value that can be expressed in Binary Coded Decimal: 99 (decimal) when no parity check is specified, and 79 (decimal) when parity check is specified. An attempt was made to read a data that cannot be expressed in Binary Coded Decimal (a data whose lower or upper 4 bits exceeded 9 in decimal) in the variable.			Setting error	Correct the BCD data so that it is within the limit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4465	OVER BINARY RANGE(PARITY CHECK)	The binary data exceeded the limit. An attempt was made to output a value that exceeded 127 (decimal) to the user I/O when parity check was specified.			Setting error	Correct the binary data so that it is within the limit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4466	OFFLINE UNDEFINED COMMAND(ARITH)	An undefined command was issued to the offline position-data preparation section.	0	An undefined command was issued to the offline position-data preparation section.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4467	USER COORD STEP NOT ENOUGH	An error occurred at user coordinate creation by a job. The number of steps was lacking for a job for user coordinate creation.			Setting error	Correct the JOB that the number of steps will be three or more.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4468	ROBOT CALIBRATION DATA ERROR	An error occurred in calibration between manipulators.	1	The calibration between manipulators cannot be executed for this model.	Setting error	Do not use a coordinated motion with this manipulator.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The master group and the slave group are set to the same group.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Incorrect designation of the control group for master group	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Incorrect designation of the control group for slave group	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Incorrect designation of the occupation control group for calibration data	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Incorrect designation of the enabling control group for calibration data	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Among three points in the master-group's calibration data, two or three points are on the same point.	Setting error	Teach the data for calibration so that each point is different.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			8	Among three points in the slave-group's calibration data, two or three points are on the same point.	Setting error	Teach the data for calibration so that each point is different.
			9		Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The number of the teaching points for calibration data is insufficient.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4469	ROBOT CALIBRATION FRAME ERROR	An error occurred in calibration coordinate conversion between manipulators.		The calibration between manipulators cannot be executed for this model.	Setting error	The calibration function between manipulators cannot be used for this model.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The master group and the slave group are set to the same group.	Setting error	Set the different groups for the master group and the slave group.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Incorrect designation of the control group for master group	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Incorrect designation of the control group for slave group	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Calibration data setting error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4470	ROBOT CARIB STEP NOT ENOUGH	An error occurred at calibration data creation between manipulators. The number of steps was lacking for a job for calibration data creation between manipulators.			Setting error	Check the settings for number of the job steps
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4471	ROBOT CALIBRATION DATA ERROR	The tool calibration data could not correctly be prepared.	1	Incorrect number of teaching points for tool calibration	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Incorrect designation of the occupation control group for calibration data	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Incorrect designation of the enabling control group for calibration data	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Incorrect designation of the control group for calibration data	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4472	ARITHMETIC ERR(COMPACT RMT WELD)	An error occurred by the arithmetic section when compact remote welding was executed.	1	The reference point is not set.	Setting error	Set the reference point.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The start point and end point are on the same point.	Setting error	Change the teaching positions so that the start point and end point are different.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	The straight line which connects the start point and an end point, and the angle which the Z direction of a tool makes are less than 10°.	Setting error	Correct the teaching positions so that the angle that the Z direction of the tool and the straight line which connects the start point with the end point make becomes 10 degrees or more.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4473	ARITHMETIC ALARM RESET ERROR	The alarm occurred in the calculation section could not be reset.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4474	WRONG CONTROL GROUP AXIS	The CALL/JUMP/PSTART destination job could not be executed. An attempt was made to call or jump to a job whose control group cannot be controlled. An attempt was made to start the control group job that could not be operated.		Sub Code: The related control-group	Setting error	Check the following settings. ·Make the setting in advance so that the control group of the CALL/JUMP designation job is included in that of the CALL/JUMP source job. ·Don't start the job which including control group under already operation by "PSTART" instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4475	CANNOT EXECUTE JOB(NO ROBOT)	The robot axis is not designated for the control-group of the job at execution of a work instruction that uses a manipulator.			Setting error	Check the following settings. ·Add the robot axis to the control-group of the job. ·When MotoPlus function (option) is used, a robot which executed SKILLSND is not defined as using MotoPlus sensor related API. Check the combination of the robot and MotoPlus application. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4476	CANNOT EDIT (EDIT LOCK JOB)	An attempt was made to change the data for the job prohibited from being edited.	0	An attempt was made to change the tag data.	Setting error	Release the prohibition.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An attempt was made to change the speed tag data.	Setting error	Release the prohibition.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An attempt was made to change the board thickness tag data.	Setting error	Release the prohibition.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An attempt was made to change the MARKER job.	Setting error	Release the prohibition.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4477	SELECT ERROR(APPLICATION)	Incorrect selection of application. When executing a work instruction, the application selection parameter (parameter exclusive for manufacturer) is inconsistent with the application parameter (AP parameter).		Sub Code: Application number	Setting error	Check the following settings. -Set the application to a specified robot by the application selection of maintenance mode. -A robot which executed SKILLSND is not defined as using MotoPlus sensor related API. Check the combination of the robot and MotoPlus application. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4478	MotoPlus MM TASK NO RESPONSE	MotoPlus application doesn't response more than stipulated time because MM task has not recovered from unexpected condition.			Software operation error occurred	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP01 board, save the CMOS.BIN before replacing the board to be safe. After replacement, insert the SD card that has been used for the old ACP01 board to the new one. (3) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4479	MotoPlus MM TASK WATCH DOG ERROR	MM Task can not run more than stipulated time because of MotoPlus application running. Executing high priority task of MotoPlus application may dominate CPU for a long time, which may be preventing the man machine interface task from running.			Software operation error occurred	Check if there is high priority task of MotoPlus application running long time. Especially, check if there may be the process which waits for a special condition without executing mpTaskDelay in loop process. If such process exists, suitable remedy should be done like putting mpTaskDelay in the loop process.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4480	SELECT ERROR(SENSOR 1)	Incorrect selection of sensor function. When executing a work instruction, the sensor application selection parameter (parameter exclusive for manufacturer) is inconsistent with the sensor parameter (SE parameter).		Sub Code: Sensor number	Setting error	Select the option function for the specified robot in the option function selection of maintenance mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4482	MotoFit COMMAND FAULT1	An error occurred in changing from force control to position control			Setting error	(1)Reset the alarm, and make the robot speed of the instruction down. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			256		Software operation error occurred	(1)Reset the alarm and execute again. (2))If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			257		Software operation error occurred	(1)Reset the alarm and execute again. (2))If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			258		Software operation error occurred	(1)Reset the alarm and execute again. (2))If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			259		Software operation error occurred	(1)Reset the alarm and execute again. (2))If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			260		Software operation error occurred	(1)Reset the alarm and execute again. (2))If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			261		Software operation error occurred	(1)Reset the alarm and execute again. (2))If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			262		Software operation error occurred	(1)Reset the alarm and execute again. (2))If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4484	WRONG PORT NO.(ANALOG OUTPUT)	Incorrect analog output port selection parameter The value of the parameter AxP010 indicating the leading number of analog output port used for arc welding or sealing application was incorrect.		Sub Code: Application number	Setting error	Check the following settings. -Set following value to the AxP010 parameter. For arc: 1 Arc + arc: 3 Three arc: 5 Four arc: 7
4485	WRONG SELECTION (SENSOR)	When executing a sensor instruction, the robot specified to use the sensor (system parameter) and the robot specified to use the application (system parameter) are unmatched.			Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4486	PATH OVER	When executing COM-ARC function, the path was beyond the specified path-over monitor zone.			Setting error	Set the path over radius within the allowable range.
4487	WRONG MECH PARAMETER FILE	An error occurred in mechanical parameter for the path control section.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4489	DEFECTIVE TAUGHT POINT(CUTTING)	An error occurred at CUT instruction execution.	1	The C- and W-axis position at the cutting start position is not zero pulse.	Setting error	Check the settings for the cutting start position (zero pulse).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Zero is set for the cutting radius.	Setting error	Check the settings for radius (a value bigger than zero).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The cutting machine axis is not mounted.	Setting error	The CUT instruction can be used for the manipulator with small-circle cutting axis only.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	This manipulator cannot perform a hexagonal cutting motion.	Setting error	Select an other cutting form.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4490	DEFECTIVE TAUGHT POINT(ENDLESS)	The Endless motion could not be performed.	1	After the Endless rotation completed, an attempt was made to execute an interpolation instruction such as MOVL and MOVC before executing an MRESET instruction.	Setting error	To perform an interpolation motion such as MOVL and MOVC after an Endless rotation, execute an MRESET instruction beforehand.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The base axis is set as an Endless rotation axis. The Endless function cannot be used with the base axis.	Setting error	Check the parameter setting that designates the Endless rotation axis.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An attempt was made to execute the Endless function although the endless axis was not designated.	Setting error	Check the parameter setting that designates the Endless rotation axis.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	The Endless axis exceeded the maximum pulse value (± 536870911).	Setting error	Set the rotation amount so that the Endless axis does not exceed the maximum pulse value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4491	CORRECTIONAL DIRECTION ERROR	An internal control error occurred when calculate the correcting direction.	1	Control-group designation error for correcting-direction preparation	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Designation error for the correcting-direction coordinates	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	When "any direction" is set for the correcting direction, the correction coordinates is not prepared.	Setting error	Check the settings for the correcting direction with the reference point (REFP).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	When "any direction" is set for the correcting direction, the reference points (REFP) are taught on the same point.	Setting error	Check the settings for the reference points (REFP) so that each point is different.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Designation error for the coordinated motion control axis at the reference point	Setting error	Match the control group designation of the wall point and weaving execution.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4492	POSITION CORRECTION ERROR	An error occurred in the calculation section for the correcting direction at path correcting motion.	1	Data unmatched between the correction amount data and the job data: The information about the control groups designated for the series of jobs, which is added to the correction amount data, does not include the valid control-group for the job.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Data unmatched between the correction amount data and the job data: The valid control-group information that is added to the correction amount data disagrees with the valid control-group for the job.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Tool change err for orientation correction of the tool coordinate	Setting error	It is not possible to change the tool when correct the orientation by the tool coordinate.
4493	OVER TOOL FILE NO.	The tool file number exceeded the limit value. The tool number for internal control is 65 or more.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4494	DEFECTIVE TAUGHT POINT(WEAV)	The teaching position setting was incorrect and weaving could not be executed.	1	The weaving start point and end point are on the same point.	Setting error	Check the settings for the positions so that the weaving start point and end point are different.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Among the weaving start point, end point, and reference point, two or three points are on the same point.	Setting error	Check the settings for the positions so that the weaving start point, end point, and reference point are different.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4495	UNDEFINED ROBOT CALIBRATION	Calibration between manipulators has not executed.		Sub Code: Control group which calibration is not completed	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Before using the coordinated motion, execute the calibration between manipulators.
4496	PARAMETER ERROR	An error occurred when the parameter setting was performed.	1	The setting of the manipulator number is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Zero is set for the resolution.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Zero is set in the feedback pulse parameter.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The setting of L-axis ball-screw data is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The setting of U-axis ball-screw data is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Zero or a negative value is set for MAXPPS.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Zero or a negative value is set for the maximum acceleration speed.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Zero or a negative value is set for the maximum deceleration speed.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Zero or a negative value is set for the play-mode servo averaging time.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			10	The setting of the manipulator number is incorrect. An undefined type is designated.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The incorrect coordinate system is designated for the cubic interference. An undefined coordinate system is set.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The designation of the user coordinates number is incorrect. A number out of the setting range is set.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	The reduction ratio ≤ 0 is output.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	Zero or a negative value is set for the spring constant.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	Zero or a negative value is set for the motor inertia.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	Zero or a negative value is set for the speed calculation constant.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	Dividing number setting error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	The setting of allowable torque for the speed reducer is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	The setting of allowable torque for the motor is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			20	The manipulator type is not applicable for torque acceleration/deceleration.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	Zero or a negative value is set for the balancer.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	The angle of hexagon set for the CUT instruction is out of the range "0 degree < angle < 60 degrees."	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	Encoder type designation error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	Observer sampling time error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	Two-degree-of-freedom system Kp value error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	The setting of torque acceleration/deceleration designation parameter is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			27	Observer polarity setting error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			28	The inertia value error for the shift value calculation	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			29	Observer attenuation constant error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			30	Torque estimation parameter error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	The segment clock error occurred when the PV loop is 1 ms.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	Non-robot axis observer selection error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	Zero is set for the response time constant.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			34	Efficiency data error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			35	Zero is set for the averaging time constant.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			36	Torque limit ratio data error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			37	Coulomb friction data error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			38	Kinematic friction coefficient data error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			39	The setting in the optimized acceleration/deceleration designation parameter is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			40	An uninstalled function is designated.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			41	The dynamics-model calculation at the optimized acceleration/deceleration is invalid.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			42	Zero is set for the inertia of dynamics fixed model.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			43	Designation error for dynamics-model calculation type	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			44	The optimized acceleration/deceleration control of speed limit function is disabled.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			45	The axis designation parameter for the speed limit function is not set.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			46	The setting in the mode designation parameter for the speed limit function is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			47	Zero or negative value is set in the allowable braking torque parameter for the speed limit function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			48	Zero or a negative value is set in the speed adjustment ratio parameter for the speed limit function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			49	Zero or a negative value is set in the torque limit adjustment ratio parameter for the acceleration/deceleration tuning.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			50	Zero or a negative value is set in the parameter that sets the shortest acceleration/ deceleration time for when the excessive torque is applied at the optimized acceleration/ deceleration.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			51	Zero is set for the dimension information "a3" for the SKR manipulator.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			52	The setting of sealer-gun control-group parameter for the servo sealer control is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			53	The parameter setting for the Cartesian manipulator X-axis data is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			54	The parameter setting for the Cartesian manipulator Y-axis data is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			55	The setting for the Dual-arm manipulator is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			56	Zero or a negative value is set in the FORMCUT maximum acceleration/deceleration time parameter.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			57	The setting of expanded check-point designating bits for the arm interference check is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			60	Zero or a negative value is set for the sphere at the arm interference check point.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			61	Zero or a negative value is set for the cylinder at the arm interference check point.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			62	The number of designated check points for the arm interference check is insufficient.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			70	All of X, Y, and Z value of the expanded check-point 1 for the arm interference check are set to zero.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			71	All of X, Y, and Z value of the expanded check-point 2 for the arm interference check are set to zero.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			85	The setting of wrist axis angle for tube-incorporated wrist type manipulators or three-roll wrist type manipulators is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			86	The special link JOG operation cannot be used with this manipulator.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			87	The setting in the parameter for special angle limit check designation is incorrect.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			91	The setting of the deceleration speed for the path-priority control is less than zero.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			92	A negative value is set in the roundness parameter for the path-priority control.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			93	The link parameter for the cutting device is not set.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			95	The real-time bending correction function is enabled for a control-group other than robot axis.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			96	Zero is set for the dimension information "a2" for the Arc Cell Torch Arm type manipulators.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			97	Zero is set for the deceleration ratio for double T-axis unit of the V-shaped double T-axis manipulator.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	"α" is replaced with "0" in SKR1-5 type robot.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			118	Wrong value in set for backlash correction function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			121	Incorrect parameter setting to inertia speed control function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			122	Incorrect acceleration/ deceleration time setting at tool mass acceleration/ deceleration speed correction function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			123	Incorrect coefficient/item settings at tool mass acceleration/deceleration speed correction function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			124	No tool mas as the minimum acceleration/deceleration time at tool mass acceleration/ deceleration speed correction function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			125	Incorrect speed setting at tool mass acceleration/ deceleration speed correction function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			126	Incorrect coefficient/item settings at tool mass acceleration/deceleration speed control function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			127	No tool mass as the maximum acceleration/deceleration time at tool mass acceleration/ deceleration speed control function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			129	An error in the standard arithmetical axis number setting for approximation model.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			130	An error in the standard expanding point number setting for approximation model.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			131	An error in the radius setting for approximation model.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			132	setting error of arithmetical axis number in D-H method.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			133	setting error of choosing no / wrong connection base arithmetical axis number in D-H method.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			134	The higher-order acceleration/ deceleration is prohibited when using operation acceleration / deceleration	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			135	Base axis control point → Robot coordinate system offset setting prohibited	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			136	Pulse linked JOG function specification error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			137	Dual drive control specification error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			138	Notch filter supported acceleration and deceleration tuning: Notch filter function setting error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			139	Notch filter supported acceleration and deceleration tuning: Notch filter (z2) setting error	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			147	NON ACTIVATION of Servo Simulation function error	Setting error	Enable Servo Simulation Function.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			149	The setting error of vibration suppression filter for SVSPOTMOV	Setting error	Confirm that the threshold value for the vibration suppression filter should be larger than the one in previous table.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			150	the setting error of time constant for the vibration suppression filter for SVSPOTMOV	Setting error	Confirm that the time constant for vibration suppression filter for SVSPOTMOV must be the different value of Kp.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			152	the setting error of the number for vibration suppression filter for SVSPOTMOV	Setting error	Confirm that the number of the tables activated for vibration filter is less than 5.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			154	The setting in the parameter for special mechanical interference is incorrect.	Setting error	Correct the setting value of the parameter for special mechanical interference.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			158	Incorrect parameter setting at tool mass acceleration/ deceleration speed control function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			160	Incorrect parameter setting at tool mass acceleration/ deceleration speed limit function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			161	Incorrect parameter setting at gun speed limit function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			162	Timing delay control function was invalid	Setting error	Enable timing delay control function.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			165	Incorrect parameter setting at TCP speed acceleration/ deceleration speed limit function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			168	Incorrect parameter setting at short pitch interval SPF frequency change function.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4497	DEFECTIVE TAUGHT POINT(CALIB)	An error occurred in calibration teaching between manipulators.	1	Some of the teaching points for master-group are on the same point.	Setting error	Perform the teaching again so that the teaching points are different from one another.
			2	Some of the teaching points for slave-group are on the same point.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Perform the teaching again so that the teaching points are different from one another.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The 2nd-axis positions of C3, C4, and C5 of station axes are not the same.	Setting error	Perform the teaching again so that the 2ndaxis positions of C3, C4, and C5 of the station axes are the same.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The 1st-axis positions of C1, C2, and C3 of station axes are not the same.	Setting error	Perform the teaching again so that the 1staxis positions of C1, C2, and C3 of station axes are the same.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The 2nd-axis positions of C1, C2, and C3 of station axes are the same.	Setting error	Perform the teaching again so that the teaching positions are different from one another.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The 1st-axis rotation direction of C3, C4, and C5 of station axes are not the same.	Setting error	Perform the teaching again so that the 1staxis rotation direction of C3, C4, and C5 of station axes are the same.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The 1st-axis (elevation axis) positions of C1, C2, and C3 of station axes are not the same.	Setting error	Perform the teaching again so that the 1staxis (elevation axis) positions of C1, C2, and C3 of station axes are the same.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The 1st-axis (elevation axis) positions of C3, C4, and C5 of station axes are not the same.	Setting error	Perform the teaching again so that the 1staxis (elevation axis) positions of C3, C4, and C5 of station axes are the same.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4498	CANNOT EXECUTE JOB(NO GRP AXIS)	#REF!		An attempt was made to execute an instruction that could not be executed in a job without control group.	Setting error	Check the settings for the job instruction with control group.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4499	UNDEFINED POSITION VARIABLE	An attempt was made to use the position type variable that was not set.		Sub Code: The variable number	Setting error	Check the settings for the position type variable.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4500	UNDEFINED USER FRAME	An attempt was made to use the user coordinate that was not set.		Sub Code: User coordinate number	Setting error	Check the settings for the user coordinate.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4501	OUT OF RANGE(PARALLEL PROCESS)	An error occurred in the multi-task control process for the independent control function. The number of tasks exceeded the limit.		Sub Code: Task number	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4502	SL BOARD ON-LINE ERROR	An error occurred in option board at power ON.		The option board was detected not to operate normally at power ON.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4505	UNDEFINED POSITION FOR ARC ON	Arc retry could not be executed because there was no step before the ARCON instruction.			ACP02 board failure Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the ACP02 board. Save the CMOS.BIN before replacing the board to be safe. Register a step before the ARCON instruction.
4506	UNDEFINED POS FOR RESTART RETURN	Arc-restart-return could not be executed because there was no restart-return step in the job. (Example: A retry request was made while executing a step of the called job.)			Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the job.
4507	REFF POS ERROR(SEARCH MOTION)	Incorrect teaching point for search detection The search start point and the motion target point are the same, or the distance between the two points is too short.			Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Perform the teaching again so that the search start point and the motion target point are not the same. · Increase the distance between the search start point and the motion target point.
4508	SPECIFIED ERROR(COORDINATE)	An invalid coordinate system was specified.	0	The specified coordinate system does not exist.	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1	Designation error of the master tool coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
			2	Designation error of the tool coordinate system. This coordinate system cannot be used.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Designation error of the direction of travel coordinate system (for a shared function). This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Check the settings for the coordinate system which can be used.
			4	Designation error of the any direction coordinate system (for a shared function). This coordinate system cannot be used.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Designation error of the approximate tool coordinate system (for a shared function). This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	Designation error of the conveyor coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Designation error of the COMARC coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Designation error of the power sensor coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Designation error of the cylindrical coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Designation error of the coordinate system for the external reference point. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			12	Designation error of the coordinate system for 3D shifting. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	Designation error of the KOMATSU tool Z-direction operation coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	Designation error of the KOMATSU tool JOG operation coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	Designation error of the coordinate system at IMOV for 3D shifting. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	Designation error of the H-LINK type cylindrical coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			17	Designation error of the FSER_FRAME type cylindrical coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	Designation error of the reference USER_FRAME type cylindrical coordinate system. This coordinate system cannot be used.	Setting error	Check the settings for the coordinate system which can be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4509	MFRAME ERROR	An error occurred at MFRAME execution.	1	The master-tool user coordinates could not be prepared.	Setting error	Execute the MFRAME instruction in coordinated job when you make the master tool user coordinate.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	reference user frame cannot be used.	Setting error	Check the following settings. ·reference user frame
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	position type variable (P variable) cannot be used.	Setting error	Check the following settings. ·position type variable (P variable).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4510	CANNOT EXECUTE INSTRUCTION(SQRT)	The SQRT instruction could not be executed. An attempt was made to calculate the square root of negative value. (The second argument was negative.)			Setting error	Check the job settings so that the second argument of SQRT instruction does not become negative.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4511	OUT OF RANGE(DROP-VALUE)	The pulse difference of the robot position exceeded the allowable value between when the servo was OFF previously and when the servo was ON this time.		Sub Code: Control group exceeding the allowable value	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Confirm the load setting to the robot.
4512	TWO STEPS SAME LINE(3 STEPS)	In the user coordinates for calibration between manipulators, three or more teaching points are aligned in a straight line.			Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings so that the teaching points are not aligned in a straight line.
4513	EXCESSIVE SEGMENT(SAFETY 1): LOW/HIGH	This alarm occurs if the operation command which exceeds the designated max. speed is output. It may occur when the robot operates near the singular point or when the robot is going to change its orientation widely with single control point.		Sub Code: Control group and axis	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Reduce the speed of the step where the alarm occurred. ·Change the move instruction to joint interpolation (MOV.J). * Be careful to the peripheral interference since its movement changes.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4515	EXCESSIVE SEGMENT(SAFETY 2): LOW/HIGH	This alarm occurs if the operation command which exceeds the designated max. speed is output. It may occur when the robot operates near the singular point or when the robot is going to change its orientation widely with single control point.		Sub Code: Control group and axis	Setting error	Check the following settings. ·Reduce the speed of the step where the alarm occurred. ·Change the move instruction to joint interpolation (MOVJ). * Be careful to the peripheral interference since its movement changes.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4517	SEARCH MONITOR SET ERROR(SERVO)	An error occurred in search/monitoring mode settings in servo section. An error occurred in interface with servo section at search/monitoring mode.		Sub Code: The related control-group	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4518	SEARCH MON RELEASE ERR(SERVO)	An error occurred in search/monitoring mode releasing in servo section. An error occurred in interface with servo section at search/monitoring mode.		Sub Code: The related control-group	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4520	AXIS BLOCKING	A motion was commanded for the group axis during axis block at play mode.		Sub Code: Control group	Setting error	Check the settings for the general-purpose input signal set in the parameter.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4521	WRONG JOB TYPE	Job type is inconsistent.		Sub Code 0000_0001: A robot job was started from the concurrent job at CALL/JUMP instruction execution. 0000_1001: A concurrent job was started from the robot job at CALL/JUMP instruction execution. 1000_0001: A system job was started from the robot job at CALL/JUMP instruction execution.	Setting error	Check the settings for the job to be started.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4522	TAG DATA CHANGE PROCESS ERROR	An error occurred at tag data change.	0	An attempt was made to change the contents of variable tag data.	Setting error	The variable tag cannot be changed. Correct the job so as not to use the variable tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An attempt was made to change the tag data for the job prohibited from being edited.	Setting error	Release the prohibition.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An error occurred at instruction read-in.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The tag is not registered.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The tag data was variable specification.	Setting error	The variable tag cannot be changed. Correct the job so as not to use the variable tag.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	The value which it was made to change exceeded the limit of tag data.	Setting error	Check the contents of changing data.
			7	An error occurred at tag data change.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error occurred at tag data change.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4523	SHARED AXES CONTROL ERROR	An error occurred at shared base axes control.	1	The teaching points are incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Robot information for implementing the shared base axes control can not be acquired.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Robot axes, base axis specification error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Control number of the main side base axis is abnormal.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Independent control base axis group error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Shared base axes current value creation error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Independent control slave side speed calculation error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Independent control slave side speed check error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9	Independent control Prohibit command execution error.	Setting error	In shared base axes control, the robot of slave side MOV5, EIMOVL, EIMOV6 can not be used. Please correct the job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Independent control slave side coordinated motion specification error.	Setting error	The independent control slave side, can not be coordinated motion. Please correct the job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4524	CANNOT EXECUTE INST(CONCUR JOB)	An error occurred at concurrent job execution. There was an instruction that cannot be executed such as move instruction in the concurrent job.			Setting error	Delete an instruction that cannot be executed such as move instruction in the concurrent job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4525	CANNOT EXECUTE SPECIFIED JOB	The specified JOB couldn't be executed.	1	An interrupt job (user setting) is started up during the back operation.	Setting error	Check the job so that the interrupt job will not start-up during the back operation.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An suspend macro job is started up during the back operation.	Setting error	Check the job so that the suspend macro job will not start-up during the back operation.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An interrupt job (inside the system) is started up during the back operation.	Setting error	Check the job so that the interrupt job will not start-up during the back operation.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	A FOLGE job is started up from a job except the registered master job.	Setting error	Check the job so that the FOLGE job will start-up from the registered master job.
4527	UNDEFINED PORT NO.(AOUT)	Incorrect analog output port number The specified analog output port number was not allowed.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the specified analog output port number.
4528	SYNTAX ERROR	An error occurred in the instruction syntax.	1	A syntax error was found in the IF sentence.	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4529	TWIN COORDINATED ERROR	An error occurred at twin synchronization execution.	1	A job without control group was started by SYNC instruction.	Setting error	Check the control group setting of the job to be started by SYNC.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	A job only with robot axes was started by SYNC instruction.	Setting error	Check the control group setting of the job to be started by SYNC.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	A job only with master control group axes was started by SYNC instruction.	Setting error	Check the control group setting of the job to be started by SYNC.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	At full synchronization, the completion timings of move instructions for the master and the slave disagreed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	At full synchronization, no operation request from the master was sent.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	At full synchronization, the execution timings of move instructions for the master and the slave disagreed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The twin synchronous ID number is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	An attempt was made to execute triple synchronization when specified Sub-master for the master was different.	Setting error	Match the system number specification of the master between the job to be started by SYNC.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4530	CONVEYOR TRACKING ERROR	An error occurred in conveyor synchronization execution.	1	The base axis specification is other than 1 or 2 for conveyor characteristic file.	Setting error	Set the base axis specification of conveyor characteristic file to either 0, 1, or 2.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	No robot axis in the job for robot axis tracking	Setting error	Correct the job setting so that the robot axis tracking is executed in the job where robot axis exists.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	No base axis in the job for base axis tracking	Setting error	Correct the job settings so that the base axis tracking is executed in the job where base axis exists.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The conveyor board number and conveyor characteristic file number used are incorrect.	Setting error	Check the specification of conveyor condition file number for use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	There was no conveyor start position data at prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	No base axis in the job for arc tracking	Setting error	Correct the job setting so that the arc tracking is executed in the job where robot axis exists.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The set value for the TRACKING CORRECTION in a Conveyor condition file is abnormal.	Setting error	Set a larger value for the TRACKING CORRECTION in the Conveyor condition file to be used.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4531	UNDEFINED CONVEYOR COND FILE	Conveyor characteristic file is not set. "Use state" of the conveyor characteristic file set for the job is not set to "1: Use".		Sub Code: Conveyor characteristic file number	Setting error	Set "Use state" of conveyor characteristic file to "1: Use."
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4532	CONVEYOR SPEED DOWN	The conveyor speed decreased below the "Conveyor Lowest Speed" set in the conveyor characteristic file.		Sub Code: Conveyor number	Setting error	Correct the "Conveyor Lowest Speed" set in the conveyor characteristic file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4533	ARITHMETIC ERROR(CV TRACKING)	An error occurred when conveyor tracking was being used.	1	Designation error of the conveyor tracking control-group	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Designation error of the user coordinates for the conveyor tracking	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	An attempt was made to use the conveyor tracking function with the slave manipulator at coordinate motion.	Setting error	The conveyor tracking cannot be executed to the slave manipulator of the coordinate system. Correct the job so that the conveyor tracking perform by the robot unit or without coordinated motion.
			4	Zero is set for the resolution for the turn-table synchronization.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the resolution.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4534	TORQUE INTERFERENCE	The load torque of an axis motor exceeded the allowable value when the manipulator is operating at the specified speed.			Setting error	Check the following settings. ·Correctly set the weight information in the tool file. (Are the weight: W and the number set to the load value of either Xg, Yg or Zg?) ·Reduce the speed in the step where the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4535	TARGET VARIABLE TYPE UNMATCHED	An error occurred when the system variable was obtained .	0	An attempt was made to obtain the byte type system variable by the other type variable.	Setting error	Obtain as the byte type variable.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An attempt was made to obtain the integer type system variable by the other type variable.	Setting error	Obtain as the integer type variable.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An attempt was made to obtain the double-precision integer-type system variable by the other type variable.	Setting error	Obtain as the double-precision integer-type variable.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	An attempt was made to obtain the real-number type system variable by the other type variable.	Setting error	Obtain as the real-number type variable.
			4	An attempt was made to obtain the character-string type system variable by the other type variable.	Setting error	Obtain as the character-string type variable.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4538	ROBOT AXIS TRACKING INVALID	An error occurred while performing robot axis tracking.	0	"SYMOV" instruction is executed at robot-axis tracking.	Setting error	Do not use "SYMOV" instruction in robot axis tracking.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4539	CORNER R CONTROL ERROR	An error occurred at corner-R execution.	1	The Corner-R motion cannot be used for coordinated motion.	Setting error	Do not use the Corner-R motion for coordinated motion.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An attempt was made to execute the Corner-R motion for the same point.	Setting error	Check the settings for the teaching so that the start step and end step are not on the same point.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The Corner-R zone is taught on a straight line.	Setting error	Check the settings for teaching so that the Corner-R zone is not on a straight line.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	The start position or end position for the Corner-R motion could not be calculated inside the start zone or the end zone.	Setting error	Check the following settings. ·Make the setting for the Corner-R radius small. ·Make the moving amount of the Corner-R start step long. ·Make the moving amount of the Corner-R start end long.
			5	The Corner-R motion cannot be used for coordinated motion (with master manipulators).	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Do not use the Corner-R motion for master manipulators at coordinated motion.
			6	The Corner-R motion cannot be used for MOV, MOVS, and EIMOV instructions.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Use a MOVL instruction when using the Corner-R motion.
			7	The Corner-R motion is disabled during weaving.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Do not perform weaving when using the Corner-R motion.
			8	Different tool numbers are set in a Corner-R zone (for the Corner-R middle step and end step).	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Use the same tool number in a Corner-R zone.
			9	The Corner-R motion is disabled when the higher-order acceleration/ deceleration is specified.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Disable the higher-order acceleration/deceleration when using the Corner-R motion.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			17	The Corner-R motion is disabled during conveyor tracking.	Setting error	Do not perform the conveyor tracking when using the Corner-R motion.
			18		Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				Arithmetic error occurred when calculating the acceleration and deceleration time for the Corner-R operation	Setting error	Do not perform the conveyor tracking when using the Corner-R motion.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	Arithmetic error occurred when calculating acceleration and deceleration during test run in consideration of servo delay for the Corner-R motion.	Setting error	Do not perform the conveyor tracking when using the Corner-R motion.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4540	JOB QUE EMPTY ERROR	No job queue data. "QUE" is used in CALL or JUMP instruction under the condition that no job queue is used.			Setting error	Use "CALL QUE" under the condition that the job data is set to the job queue .
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4541	INVALID INPUT STRING(VAL)	An error occurred at VAL instruction execution. A character string could not be converted to a numerical value.	1	There was no character string representing a constant in character string to be extracted at VAL instruction execution.	Setting error	Check the settings for the data of the character string to be extracted.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4542	MRESET ERROR	An error occurred at MRESET instruction execution.	1	An MRESET instruction was executed while no endless axis was designated.	Setting error	Set the endless axis.
4543	STACK LESS THAN 0(JOB CALL)	An error occurred at job return. An error occurred in control of job call stack.		At job return, an attempt was made to fetch a data from an empty job call stack or to stack a data in the job call stack that is full.	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4544	MID\$ INST ERROR	An error occurred at MID\$ instruction execution. The character string could not be extracted.	1	The first character of character string to be extracted is null at MID\$ instruction execution.	Setting error	Check the settings for the data of the character string to be extracted.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The extraction start position exceeds the character string length at MID\$ instruction execution.	Setting error	Check the settings for the data of the character string to be extracted.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4546	CANNOT EXECUTE SYSTEM JOB	The system job could not be executed. An error in the system start number of system job.		Sub Code: System number	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4547	PRIMITIVE ERROR	An error occurred in OS.		Sub Code: Error code	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4548	CANNOT OPERATE SPECIFIED EVENT	The specified event could not be operated at INIEVNT instruction execution.		Sub Code: System number	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4549	NOT EXECUTION OF INIEVNT	INIEVNT instruction was not executed before having executed the event related process.		Sub Code: System number	Setting error	Execute an INIEVNT instruction before executing an event related instruction.
4550	CANNOT EXECUTE INST(USER JOB)	The specified instruction in the user job could not be executed.		Sub Code: System number	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). This instruction cannot be executed in the system job. Correct the job so that the instruction is executed in the user job.
4551	CANNOT MEASURE TIP INSTALL COEF	When executing "SVGUNCL TWC=BE", the tips installation correction value of fixed side was not measured, so the tips installation correction value of movable side could not be measured,		Sub Code: Gun number	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Execute the "SVGUNCL TWC-AE", and then execute the "SVGUNCL TWC=BE".
4565	SOFTWARE UNMATCH	The used function and the system are inconsistent.	1	The multi-layer welding function is not used.	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The observer function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The TURBO function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The COMARC function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	The conveyor/press synchronization function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The shared motion function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The layer motion function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The general sensor function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	The servo float function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The laser cutting function (with small circle cutter) is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The motor gun function (for spot welding application) is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The speed control function (VCON/VCOF) is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	The servo hand function (for handling application) is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	The laser cutting function (for form cutting operation) is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	The series communication function between the systems (PSEND/PRECV) is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			16	The motion extension function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	The ME-NET function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	The MEMO-PLAY function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	The 3D-SHIFT function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	The Equalization function is not used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			255	An attempt was made to execute an undefined instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4566	USER FRAME MAKING ERROR	An internal control error occurred at preparation of a user coordinates.	1	The teaching points are incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The teaching points for user-coordinate turning are incorrect.	Setting error	Among three taught points in the teaching position. Teach the three points again so that they do not lie in the straight line.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The robot axis is not specified for the control group of the job to prepare the user coordinates.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Position data error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4567	CANNOT MONITOR DISTANCE	The distance could not be monitored when executing a move instruction. An attempt was made to execute MOVJ/MOVS instruction in arc retry or restart operation.	6	Setting error of the slave group for user coordinate conversion occurred	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Change the interpolation instruction to MOVL/MOVC. ·Change the setting so that the arc retry or restart operation does not perform.
4568	UNDEFINED PRESS COND DATA FILE	No press characteristic file is set. An attempt was made to use the unused press characteristic file in a job.		Sub Code: Press characteristic file number	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set the status of press characteristic file to be used in the job to "Used State."
4569	UNDEFINED PRESS RESOLUTION DATA	No press resolution data is set. The status of press resolution data to be used in the job was set to "Incomplete".		Sub Code: Press characteristic file number	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set the press resolution data to be used in the job.
4571	SERVO FLOAT MODE RELEASE ERR	The servo float mode could not be reset when executing a FLOATOF instruction.			Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4572	NO SERVO GUN CONTROL GROUP	The control group for the motor gun is not set.			Setting error	Set the "motor gun axis" in the control group setting of maintenance mode.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4573	SPOT WELDER NO. ERROR	The spot welder number is incorrect.		Sub Code: Welder number	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Correct the welder number set in the gun characteristic file.
4574	SPOT WELD COMPLETE TIME LIMIT	The spot welding did not complete within the specified time. Neither the welding completion signal nor the welding error signal was received from the timer conductor within the set time.		Sub Code: Welder number	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Turn ON the timer contactor power. · If the response from the timer takes too long time due to the system layout, increase the timeout time.
4575	ERROR IN WELD START TIMING SET	Incorrect setting of spot welding start timing For motor gun, the welding timing was set to "After First Pressure" while no 2nd pressure was set.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. · Check the settings for the "WST" tag. · Check the settings for the pressure file.
4576	ERR IN MOTOR GUN CONT MODE	The gun control mode could not be set at SVSPOT/SVGUNCL instruction execution.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1) Reset the alarm, and then try again. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4577	ERR IN MOTOR GUN MODE RELEASE	The gun control mode could not be released at SVSPOT/SVGUNCL instruction execution.			Software operation error occurred	(1) Reset the alarm, and then try again. (2) If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4578	SPOT WELD ERROR	An error occurred when executing welding using the specified system timer conductor.		Sub Code: Welder number	Setting error	Check the settings for the timer conductor where the welding error occurred.
4579	ANTICIPATION CONTROL ERROR	An error occurred in the anticipation control processing.	1	No availability in anticipation control	Setting error	Maximum simultaneous execution number of anticipation control is twenty. Correct the settings for the job so that it is within twenty.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The anticipation data exceeded the maximum length.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	anticipation control did not complete within the setting time.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4580	ANTICIPATION DISTANCE NOT ENOUGH	Anticipation could not be executed at re-painting. No return step in re-painting function after emergency stop.			Setting error	Operate the manipulator to the start position of the step where the alarm occurred, and then re-execute.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4581	DEFECTIVE ANTICIPATION OT FILE	An error occurred in the anticipation output file.	1	Incorrect setting of OT output number for anticipation output file	Setting error	Check the setting value of OT output number.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Incorrect setting of OG output number for anticipation output file	Setting error	Check the setting value of OG output number.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4583	CANNOT EXECUTE GUN TYPE	An invalid gun type is set. The mode impossible to control is set for the gun.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the motion mode set to the gun.
4584	STRWAIT TIME LIMIT	An error occurred when executing a STRWAIT instruction. No confirmation signal specified in the stroke change confirmation instruction was input within the set time.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the cause such as defective limit switch.
4585	SERVO PG ON ERROR	The encoder (PG) power supply could not be turned ON.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Each axes encoder cable
4587	MOTOR GUN CHANGE ERROR	An error occurred when gun change execution.	1	A GUNCHG instruction was executed in the system configuration that did not allow the gun change function.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Validate the gun change parameter.
			2	A GUNCHG/PICK instruction was executed while the motor gun motor was servo ON.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Execute GUNCHG/PICK instruction when the motor gun motor is servo OFF.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	A GUNCHG/PICK instruction was executed while the ATC was in unchuck status.	Setting error	Execute GUNCHG/PICK instruction when the ATC is in chuck status.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	A GUNCHG/PLACE instruction was executed while the ATC was in unchuck status.	Setting error	Execute GUNCHG/PLACE instruction when the ATC is in chuck status.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The encoder power supply could not be turned ON when executing a GUNCHG/PICK instruction.	Connection failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·The encoder cable of motor gun
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The encoder power supply could not be turned OFF when executing a GUNCHG/PLACE instruction.	Connection failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·The encoder cable of motor gun
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The gun number specified by the GUNCHG instruction did not agree with the gun identification signal.	Setting error	Check the following settings. ·Change the gun characteristic file number specified by GUNCHG instruction to object gun number. ·Change the gun identification signal so that it become the objective gun number.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The 1st gun axis selection signal is not set when executing the twin-wrist gun change.	Setting error	Check the 1st gun axis selection signal setting.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	The right and left gun axis selection signals were duplicated when executing the twin-wrist gun change.	Setting error	Check the setting for the gun axis selection signal.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The control group for gun axis is not set in the gun change job.	Setting error	Check the settings for the control-group of the job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Multiple manipulators are not set in the gun change job.	Setting error	Check the settings for the control-group of the job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4589	ABRASION BASIS POS UNSETTING	When executing the wear correction operation, the reference position of wear correction was not registered under the condition that "Specific input: overwriting reference position of wear detection" was turned OFF.			Setting error	Reset the reference position of wear correction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4590	NO SERVO HAND CONTROL GROUP	The control group was not set for the servo hand control.			Setting error	Set the "servo hand axis" in the control group setting of maintenance mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4591	SPEED CTRL MODE SET ERR(SERVO)	The speed control mode could not be set at VCON instruction execution.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4592	SPEED CTRL MODE CANCEL ERR(SV)	The speed control mode could not be released at VCON instruction execution.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4593	SVHAND CTRL MODE SET ERR(SERVO)	The servo hand control mode could not be set at SHPICK instruction execution.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4594	SVHND CTRL MODE CANCEL ERR(SV)	The servo hand control mode could not be set at SHPLACE instruction execution.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4595	CAN'T DO FIXED FORM CUT MOTION	An error occurred at form cutting operation.	1	The setting for radius is incorrect. (1) For a circle, it is incorrectly set as: radius \leq 0; radius < minimum radius value, or radius > maximum radius value. (2) For an ellipse, it is incorrectly set as: radius \leq 0, radius < minimum radius value/2, or radius > (maximum radius/2 - width/2).	Setting error	Check the following settings. ·Setting of the radius data
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	The setting for width is incorrect. (1) For a rectangle, it is incorrectly set as: width < 1.0, width > sqrt (maximum diameter ² - height ²), or width > maximum diameter. (2) It is incorrectly set as: width < 0, width > maximum diameter - 2 * radius.	Setting error	Check the following settings. ·Setting of the width data
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The setting for height is incorrect. (1) For a rectangle, it is incorrectly set as: height > maximum diameter, height < minimum diameter/2, or height > sqrt (maximum diameter ² - width ²).	Setting error	Check the following settings. ·Setting of the height data
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The setting for the corner radius is incorrect. (1) For a rectangle, it is incorrectly set as: corner radius > width/2 or corner radius > height/2.	Setting error	Check the following settings. ·Setting of the corner radius
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	The setting for overlap is incorrect. (1) For a rectangle, it is incorrectly set as $\text{overlap} > \text{width}/2$. (2) For a circle, it is incorrectly set as $\text{overlap} > \text{ABS}(2\pi * \text{radius})$. (3) For an ellipse, it is incorrectly set as $\text{overlap} > \pi * \text{radius} + \text{ABS}(\text{width}/2)$.	Setting error	Check the following settings. ·Setting of the overlap data
			6	The setting for the cutting speed is incorrect. It is set as the cutting speed $>$ maximum linear speed.	Setting error	Check the following settings. ·Setting of the cutting speed
			7	Coordinated motion cannot be used with the Form Cutting motion.	Setting error	Do not use the coordinated motion.
			8	Zero or a negative value is set in the minimum diameter parameter (S1CxG063) for the Form Cutting motion.	Setting error	Check the following settings. ·The setting of the minimum diameter parameter (S1CxG063) for the Form Cutting motion.
			9	Zero or a negative value is set in the maximum diameter parameter (S1CxG064) for the Form Cutting motion.	Setting error	Check the following settings. ·The setting of the maximum diameter parameter (S1CxG063) for the Form Cutting motion.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Although "PLACEMENT" or "AUTO" is set for the start point designation on the FORM CUT SETTING window, the FORMAPR instruction was not executed.	Setting error	Execute the FORMAPR instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The Cut file setting of the FORMAPR instruction is different from that of the FORMCUT instruction.	Setting error	The Cut file settings of FORMAPR and FORMCUT instructions must be same.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	A FORMAPR instruction was used for the conventional FORMCUT instruction.	Setting error	Check the following settings. ·The FORMAPR instruction cannot be used for the conventional FORMCUT instruction. ·Validate the new FORMCUT instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	A form other than a circle, rectangle, and ellipse was designated for the conventional FORMCUT instruction.	Setting error	Check the following settings. ·A form other than a circle, rectangle, and ellipse cannot be designated for the conventional FORMCUT instruction. ·Validate the new FORMCUT instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			90	The radius data setting for special circular interpolation is incorrect. It is incorrectly set as the radius ≤ 0 .	Setting error	Check the following settings. ·Setting of the radius data

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			91	The arc center coordinates could not be calculated at special circular interpolation. Incorrect teaching may be the cause.	Setting error	Check the following settings. ·Setting of the teaching
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			93	The averaging time at special circular interpolation motion is too short.	Setting error	Check the following settings. ·Moving distance ·Motion speed
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			94	Because the designated plane included reference points at special circular interpolation motion, the arc center coordinates could not be calculated. Incorrect teaching of the reference point 2 may be the cause.	Setting error	Check the following settings. ·Setting of the reference point 2
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			100	The arc center position is not set for the special circular interpolation motion.	Setting error	Check the settings for the reference point 1 as the arc center position.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4596	FORMCUT ERROR	An error occurred at FORMCUT instruction execution.	1	An attempt was made to re-execute the FORMCUT instruction after interrupting it.	Execute condition failure	Re-execute the move instruction executed before the FORMCUT instruction, and then execute the FORMCUT instruction again.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4597	OFFLINE POSITION DATA CONVERT ERR	An internal control error occurred at offline position data conversion.	1	Incorrect information of reference position data for offline position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Incorrect user-coordinate number designation in the standard position data for offline position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Incorrect reference-point data for offline position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The standard position data for offline position data conversion could not correctly be calculated.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Incorrect pulse incremental value for offline position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The position data could not correctly be added by the pulse incremental value at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Incorrect Cartesian incremental value for offline position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The position data could not correctly be added by the Cartesian incremental value at the offline position data conversion.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9	The position conversion could not be done in the designated coordinate system at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Incorrect incremental value of angle for offline position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The position data could not correctly be added by the incremental value of angle at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The reverse shift value for 3D shifting could not correctly be calculated at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	The reverse shift value for 3D shifting could not correctly be added at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	The reverse shift value could not correctly be calculated at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	The reverse shift value could not correctly be calculated at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	The 3D shifting value could not correctly be added at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			17	The shift value could not correctly be added at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	No reference point is specified for the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	The positions for the mirror shift function could not correctly be calculated at the offline position data conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	The positions could not correctly be converted for the mirror shift function at the offline position data conversion.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	The expansion positions for the mirror shift function could not correctly be converted at the offline position data conversion.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	Incorrect designation of coordinates for a new mirror-shift conversion function at the offline position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	Incorrect designation of the occupation control group for welding path shift function.	Software operation error occurred	(1)Reset the alarm, select [UTILITY]-[ARC SHIFT CANCEL], and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			24	The inverse shift data for welding path shift function could not correctly be calculated.	Software operation error occurred	(1)Reset the alarm, select [UTILITY]-[ARC SHIFT CANCEL], and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			25	The inverse shift data for welding path shift function could not correctly be added.	Software operation error occurred	(1)Reset the alarm, select [UTILITY]-[ARC SHIFT CANCEL], and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4598	PAINTOUT ERROR	An error occurred at PAINTOUT instruction execution.	1	The parameter setting for the universal input group number is incorrect.	Setting error	Check the settings for the AxP01.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4599	SERVO COMMAND ERROR	The command could not be sent to the servo section.		An attempt was made to issue the command while the servo control processing has not completed. Sub Code: Servo CPU bit number	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4601	UNDEFINED GUN COND FILE	Gun condition file is not set.		Sub Code: Gun condition file number	Setting error	Complete the gun condition file setting.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4603	WIRE STICKING	Wire stick occurred at spot welding. Wire stick was detected at the welder.		Sub Code: Welder number	Setting error	Remove the cause of wire stick.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4604	SPECIFIED ERR(ABSO RECOVER AXIS)	No home position correction data of specified axis.			Setting error	Check the following settings. ·Registration for the home position correction data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4605	SETTOOL ERROR	An error occurred when executing a SETTOOL instruction. The difference between the current tool constant and a new set value exceeded the allowable range (parameter set value).	1	The difference between the current tool constant and a new set value exceeded the allowable range (parameter set value).	Setting error	Check the following settings. ·Correct the job so that the setting value of tag is allowable value. ·Set the allowance amount of the tool data automatic setting function maximum deviation (S3C1192) to large value.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4606	LACK OF GLOBAL VARIABLE AREA	The memory area of global variable exceeded the limit value. An error occurred in the value of parameter that defines the number of global (user) variables.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4607	WRONG EXECUTION OF MACRO INST	An error occurred at macro instruction execution.	1	The execution macro job is not set.	Setting error	Check the settings for execution macro job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The suspend macro job is not set.	Setting error	Check the settings for suspend macro job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An attempt was made to start the job that could not be started by the macro instruction.	Setting error	Check the settings for macro job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	An error occurred in the operation process of job call stack when the execution of macro instruction was canceled.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Incorrect macro number	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4608	WRONGEXECUTION OF GETARG INST	An error occurred at GETARG instruction execution.	1	The job argument is not set.	Setting error	Check the settings for jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	No number of the specified job argument	Setting error	Check the settings for jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The data types of job argument disagreed.	Setting error	Check the settings for jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4609	MEMOPLAY ERROR	An error occurred at memory play execution.	2	The memory play file was being used in another system.	Setting error	Check the setting of the used memory play file number.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The control group in the memory play file did not agree with the control group of execution job.	Setting error	Check the control group setting of the used memory play file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6	An attempt was made to clear the memory play file by a CLEAR instruction before having executed a MEMOF instruction.	Setting error	Execute the MEMOF instruction, and then execute the CLEAR instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4610	MEMOPLAY SAMPLING ERROR	An error occurred at memory play execution.	1	Failed to read the memory play sampling data.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Failed to write the memory play sampling data.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Failed to seek the memory play sampling data.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Failed to read the memory play file.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Incorrect mode setting at memory play sampling	Setting error	Check the settings for the memory play mode.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Incorrect designation of the control group at memory play sampling	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Designation of the control group in the memory play file did not agree with the designation of the control group at MEMON instruction execution (when the start point was specified).	Setting error	Check the number of the memory play file for use.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Designation of the control group in the memory play file did not agree with the designation of the control group at MEMON instruction execution (at initialization).	Setting error	Check the number of the memory play file for use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	designation of the control group in the memory play file did not agree with the designation of the control group at MEMON instruction execution (at continue).	Setting error	Check the number of the memory play file for use.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	It started reproducing though it did not record.	Setting error	Record and then play.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Correction amount to record is out of the allowable range.	Setting error	Correct the position of object workpieces so that the correction amount fall within allowable range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The number of recorded correction-amount exceeded the limit.	Setting error	Correct the job so that the movement section of memory play object is shorter.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	Memoplay file Create error (REC)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			14	Memoplay debug error C_BANK.func_ctrl (initial)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	Memoplay debug error C_BANK.func_ctrl (continue)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	Memoplay debug error C_BANK_RT_BANK.func_ctrl (continue)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	Memoplay debug error MOV _L , MOVC (continue)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	Memoplay debug error Same point, moving amount is zero (continue)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	Memoplay debug error Dividing number error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4611	OVER OPTON INST EXECUTION LIMIT	An error occurred when executing a OPTON instruction. The number of times that the OPTON instruction was executed exceeded the limit value.			Setting error	Check the settings for the OPTON instruction. OPTON instruction can use only the function to five simultaneously.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4612	TSYNC ERROR	An error occurred at the execution of the TSYNC instruction. The number of synchronizations (SNUM) specified by the TSYNC instruction disagreed.		Sub code: the number of synchronizations of the first executed TSYNC	Setting error	Check the settings for the number of synchronizations of the TSYNC instruction.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4613	SERVO SEALER GUN CONTROL ERROR	A control error occurred when servo sealer gun was being used.	1	The function designation parameter is not set.	Setting error	Check the settings for the function designation parameter.
			2	No sealer gun axis exists at the job for which the sealer gun control was attempted to be executed.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the control-group of the job.
			3	No robot axis exists at the job at which an attempt was made to execute sealer gun control.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the control-group of the job.
			4	Incorrect designation of the control method for sealer gun control	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set either "1" or "2" for PRM1 control method designation of the OPTON instruction.
			5	Incorrect designation of the control method for sealer gun control	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If "1" is set for PRM1 of the OPTON instruction, set the PRM2 needle position designation to a value between 0 and 100.
			6	Incorrect designation of the sealing width for sealer gun control	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). If "2" is set for PRM1 of the OPTON instruction, set PRM2 sealing width designation to a value between 0 and 30.
					Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4614	UNDEFINED SEALERGUN COND FILE	The servo sealer gun condition file is not set.			Setting error	Check the settings for servo sealer gun condition file.
4615	I/O AXIS OPERATING	I/O axis motion could not be performed.		An attempt was made to command a job whose control group was in I/O axis motion.	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Does not the I/O axis motion executed for the control group that executing the job? ·Does not the job executed for the control group that operating by the I/O axis motion? The control group where the I/O axis is operating cannot execute the job. Moreover, the I/O axis motion cannot perform for the control group where the job is executing.
4616	AXIS SHIFT ERROR	An internal control error occurred when shifting the axis.	1 2 3	The file could not be switched because of incorrect start point designation. The control group with which the axis shifting is performed disagrees with the control group set for the axis shifting function in the calibration file. The calibration file number for axis shifting function is out of the applicable range.	Other Software operation error occurred Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4617	S/U IMPOSSIBLE MOVE (L/R POS)	For the CSL15D manipulator, SU-axes cannot be operated in the position of the present L- and R-axes.	1	For the CSL15D manipulator, the motion speed of S- and U-axes exceeded the upper limit.	Setting error	Correct the settings for the OPTON instruction tag so that value of the file number specification is 1 to 32. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Reduce the teaching speed of S- and U-axes. ·Teach the positions of L- and R-axes again so that S- and U-axes can move.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	For the CSL15D manipulator, S- and U-axes were going to move regardless of the limit speed "0" when the positions of L- and R-axes exceeded the upper limit.	Setting error	Teach the positions of L- and R-axes again so that S- and U-axes can move.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4618	SHIFT INST EXECUTE ERROR	An internal control error occurred at execution of the SHIFT instruction.	1	For the tool shift with Euler angle ± 90 degrees, the shift value for axes other than Y-axis is set.	Setting error	Check if the shift value is setting for Y-axis only.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4619	UNDEFINED JOB ENTRY TABLE	An error occurred in job registration table. The job registration table is not set.		Sub Code: Designated registration number	Setting error	Check the settings for the job registration table.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4620	ARM (TOOL) INTERFERENCE	Parts and tool of manipulators were about to interfere with each other.		Sub Code: Group (Interfering) & Axis (Interfering) & Group (Interfered) & Axis (Interfered)	Setting error	Check the following settings. ·Change the teaching so that the manipulators specified by sub code will not interfere with each other. ·Check if the tool model (Tool interference file) of the manipulator specified by sub code is correctly set. ·Check if calibration between the manipulators are correctly set.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4621	WELD COMPLETE SIGNAL ERROR	An error occurred in welding completion signal. The welding completion signal was ON when starting the spot welding instruction execution.		Sub Code: Weilder number	Setting error	Check the settings for welding completion signal.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4622	SELF-INTERFERENCE	Each part and tool of the manipulator was about to interfere with each other.		Sub code: Group & Axis (Interfering) & Axis (Interfered)	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Change the teaching so that each part of the manipulator specified by sub code will not interfere. ·Check if the tool model (Tool interference file) displayed by sub code is correctly set.
4623	WRONG EXECUTION OF GETPOS INST	An error occurred when executing a GETPOS instruction.	1	An attempt was made to obtain the step that used a local position type variable. (The step with local position type variable cannot be fetched. Example: MOVJ LP000 VJ=25.00)	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the GETPOS instruction.
			2	An attempt was made to obtain the step that used a local position type variable. (The step with local position type variable cannot be fetched. Example: MOVJ LP000 VJ=25.00)	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the GETPOS instruction.
			3	The specified step did not exist.	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the GETPOS instruction.
4624	PLUG VOLUME SETTING ERROR	Incorrect setting of amount of fillings.			Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the setting for the amount of fillings.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4625	WRONG EXECUTION OF LOADDB INST	An error occurred when executing a LOADDB instruction.	1	No file	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	No directory	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	There was no directory entry after this point.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-1	No file name	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-2	File presence error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-3	Incorrect file name	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-4	The disk is full.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-5	The directory is full.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-6	I/O error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-7	Invalid handle	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			-8	Handle overflow	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-9	File has already been opened.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-10	File attribute error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-11	Open mode error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-12	The hardware disk with large capacity is used.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-14	The door is open.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-15	The disk is write-protected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-30	Card controller access error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-31	No card	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-32	Card drive information readout error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-33	Partition table error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			-34	No drive number	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-35	No specified partition number	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-36	Cluster size error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-37	Incorrect number of sectors	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-38	Sector/byte error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-40	Card not applicable for I/O	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-41	Unsupported version	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-42	The setting register did not exist.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-43	Card not applicable for ATA	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-44	Double chain error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-45	Media error (not fixed disk)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			-50	ATA command incomplete	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-51	Sector read command error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			-52	Sector write command error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4626	IMPOSSIBLE S-AXIS MOV(IN SPHERE)	An error occurred at S-axis high-speed rotation. The S-axis rotation radius was below the lower limit.			Setting error	Check the settings for the limit distance for S-axis rotation center motion (S1CG067).
4627	GUN RECOGNITION SIGNAL OFF	The gun identification signal was not received.		Sub Code: Gun number	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the gun identification signal.
4628	WRITE VARIABLE NO. MULTI SETTING	An error in the variable number setting. Duplicated usage of the written destination variable numbers.		Sub Code: Duplicated variable number	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for the written destination variable numbers.
4629	GROUP CHANGE ERROR	An error occurred at group change execution.	1	The group change parameter was invalid.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Validate the group change parameter.
			2	The GRPCHG instruction was executed while the external axis motor was servo ON.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Execute the GRPCHG instruction when the external axis motor was servo OFF.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The GRPCHG instruction was executed in unchuck status.	Setting error	Execute the GRPCHG instruction in chuck status.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	The group identification signal was not received.	Setting error	Check the settings for group identification signal.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	The specified control group number and the group identification number were unmatched.	Setting error	Check the settings for the specified control group number.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The encoder PG power supply was OFF when the GRPCHG was ON.	Setting error	Turn ON the encoder PG power supply when GRPCHG is ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The encoder PG power supply was ON when the GRPCHG was OFF.	Setting error	Turn OFF the encoder PG power supply when GRPCHG is OFF.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The control group that corresponded to the received group identification signal did not exist.	Setting error	Check the settings for group identification signal.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4630	DUPLICATED GUN NUMBER	The gun numbers were overlapped when executing a SVSPOT instruction.		Sub Code: The overlapped gun number	Setting error	Check the settings for gun numbers.
4631	DEFECTIVE OPERATION VELOCITY	The manipulator motion speed failed to reach the specified work speed.		Sub Code: Control group and axis	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check if the speed is hold down by the speed override and special operations etc.
4635	CANNOT EXECUTE COMMON JOB	The called job could not be executed because the specified control group was shared with the called job.		Sub Code: The related control-group	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the settings for control group specified by the CALL instruction.
4636	THICKNESS ERROR	Thickness is exceed the allowable range.		Sub code: Gun number	Setting error	Weld the spot by thickness within allowable range.
4637	TRACK CHG WORK IN/NOT NOT FOUND	No workpiece presence/absence data at switching the synchronization section.		Sub Code: Conveyor characteristic file number	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the workpiece presence/absence and data settings for the synchronization section.
4638	TRACKING CHG WORK ID NOT FOUND	No workpiece type data at switching the synchronization section.		Sub Code: Conveyor characteristic file number	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the workpiece presence/absence and data settings for the synchronization section.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4639	SYMOVJ INST EXECUTE ERROR	SYMOVJ motion could not be performed.	2	The conveyor moving amount is not specified for the SYMOVJ motion.	Setting error	Set the conveyor moving amount for the SYMOVJ motion.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An error occurred in the preparation process of the manipulator motion start position for the SYMOVJ motion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	An error occurred in the preparation process of the manipulator motion end position for the SYMOVJ motion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4640	WRONG EXECUTION OF PSTART INST	An error occurred at PSTART execution.	1	No axis data of control group to be disconnected	Setting error	Check the settings for PSTART instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An attempt was made to disconnect a control group other than the occupation control group during prereading processing.	Setting error	Check the settings for PSTART instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	An attempt was made to disconnect a control group other than the occupation control group when executing a PSTART instruction.	Setting error	Check the settings for PSTART instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4641	CANNOT EXECUTE JOB(SEPARATE GRP)	The disconnected control group could not be moved. The control group disconnected by itself was used for its own move instruction.		Sub Code: The disconnected control group used by a move instruction	Setting error	Correct the teaching so that the control group disconnected by itself is not to operate for move instruction of own system.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4644	SPOT WELDER I/F ERROR(ASW)	An error occurred between the controller and spot welder.	8	The controller could not send an instruction to the welder because the welder was busy in processing.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·DENGENSHA welding I/F board ·NADEX DeviceNet cable
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	Welding current error at welding is completed successfully.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Abnormal code error at welding is completed successfully.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Welding command process exceptional error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	The specified welder number (system) could not be found.	Setting error	Confirm the specified welder number (system) and the setting.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4645	NOT PERMIT FIXED-WEAV ON SWVON	Hover weaving could not be executed. The hover weaving is disabled in coordinated motion.			Setting error	Check the settings for jobs.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4648	FILE TRANSFER ERROR(ARITH)	An error occurred when transferring the file to the controller.	1	Motion range file transfer error	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check if the motion range file is correctly set.
			2	Part motion range file transfer error	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check if the part motion range is correctly set.
4649	PARTIAL MOTION RANGE INTRF.	The manipulator was about to interfere with the partial motion range.		Sub Code: Interference control group number & interference axis & interference area number.	Setting error	Check the setting of the teaching position of the manipulator.
4650	TRQ CLEAR ERROR				Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4651	PALLETIZING EXECUTE ERROR	An error occurred at palletizing instruction execution.	1	The setting of the palletizing condition configuration file is incomplete.	Setting error	Set the palletizing condition setting file to "Completed."
			4	Palletize completion universal output number range exceeds the limit.	Setting error	Change the palletize completion universal output signal number of the palletizing condition setting file in the user output signal point of contact number. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	During the palletize start instruction execution, the palletize start instruction is executed again (double execution).	Setting error	Delete the palletize start instruction in the palletize section.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The value of the palletizing number present value output register (or I variable) is more than the total number output register (or I variable).	Setting error	Check if the palletizing number of current position output register (or I variable) and total number of output register (or I variable) is not changed by another function.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Palletize completion universal output signal is turned ON at palletize start instruction execution.	Setting error	Reset the palletize completion universal output signal.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Palletize end instruction is not registered.	Setting error	Register the palletizing end instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4652	TRQ MEASURE MODE SET ERR(SV)	Couldn't set to Constant speed torque measure mode when performing MEASON TRQ.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4653	TRQ MEASURE MODE CANCEL ERR(SV)	Couldn't release the Constant speed torque measure mode when performing MEASOF TRQ.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4654	WRONG EXECUTION OF SETREG INST	An error occurred at SETREG instruction execution.	1	An attempt was made to change the value of the analog input register.	Setting error	The SETREGM instruction cannot change the analog input register values. Correct the setting of tag that specifies register number of SETREG instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	An attempt was made to change the value of the register currently used by TMR/CNT.	Setting error	The SETREGM instruction cannot change the register values used in TMR/CNT. Correct the setting of tag that specifies register number of SETREG instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			65535	An attempt was made to change the value of the register currently used by TMR/CNT.	Setting error	Correct the setting of tag that specifies register number of SETREG instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4655	WRONG EXECUTION OF GETREG INST	An error occurred at GETREG instruction execution.	65535	An attempt was made to acquire the value of the register not existing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4656	WRONG EXECUTION OF SETPRM INST	An error occurred at SETPRM instruction execution.	1	An attempt was made to change a parameter other than the cube-related parameter.	Setting error	The SETPRM instruction cannot change the parameter values other than the parameter related to the cube. Correct the setting of tag that specifies parameter number of SETPRM instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The SETPRM instruction was executed while another system was in execution.	Setting error	The SETPRM instruction cannot execute while another system is operating. Correct the job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4657	WVADJ ERROR	An error occurred in the function of weaving groove width correction.	1	The correction amplitude value did not fall in the limit range.	Setting error	Correct the settings for "groove width correction limit value" specified for S2C1259 and 1260.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4658	OVER SPEED LIMIT	The manipulator motion speed attempted to exceed the speed limit.	1	The taught speed was going to exceed the limit during the multi arm simultaneous operation.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reduce the teaching speed of the step where the alarm occurred to the speed limit or less.
4659	TIP DRESS WATCH SET ERROR				Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4660	TIP DRESS WATCH CANCEL ERROR				Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4661	MEMORY ERROR(PRESS COND FILE)	An error was detected at memory check. The memory for the press condition file is damaged.		Sub Code: File number	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Data error	(1)Reset the alarm. (2)If the alarm occurs again, initialize the press characteristic file in maintenance mode, and then load the press characteristic file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4662	PRESS SYNCHRONOUS ERROR	An error occurred during press synchronous control.	5	Unable to set the correction data for the press synchronous control.	Setting error	The alarm occurs if the MOVE instruction except MOVJ with ENC tag is operated during Press synchronous control. Reset the press synchronous control by the following operations to operate the MOVE instruction expect MOVJ with ENC tag. -Confirm that press machine and robot must be stopped -Make Specific Input PRESS SYNC OFF(#41010) ON -Confirm that the Specific Output PRESS SYNC (#50683) is OFF.
4666	UNDEFINED WELD LENGTH CHECK FILE	The weld length check file is not set.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Complete the settings for the weld length check condition file.
4667	DEFECTIVE GUN PRESSURE FILE	An error occurred in the gun pressure file.		Sub Code: Gun pressure file number	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Match the number of "END WAIT" in the gun pressure file, and the number of "Welding Conditions(WTM)" in the instruction.
4668	MEMORY ERROR(PREVENTION FILE)	An error was detected at memory check. The memory for the maintenance prevention file is damaged.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, initialize the maintenance prevention file in maintenance mode, and then load the maintenance prevention file saved in the external memory device.
					ACP01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ACP01 board. Save the CMOS.BIN before replace the board to be safe. Replace the ACP01 board, and then insert the SD card which inserted original ACP01 board into the new ACP01 board.
					AIF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4669	DETECT BRAKE SLIP	Brake slip was detected		Sub Code: Signifies the axis in which the alarm occurred	Module failure (motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor. (3)If the alarm of "external brake" is occurred, replace the external brake.
					Setting error	(1)Reset the alarm. (2)Check the check torque value settings.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4670	INSUFFICIENT NUM OF SAMPLE DATA	The measurement section is too short.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	(1)Reset the alarm. (2)Lengthen the measurement section.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4671	SAMPLE BUFFER OVER FLOW	The measurement section is too long.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	(1)Reset the alarm. (2)Shorten the measurement section.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4672	BASIC SPEED UNREACHED	The motion speed could not exceeded the speed specified by BASICV. The motion speed might have shifted to the speed reduction motion before BASICV has passed because BASICV was too long.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	(1)Reset the alarm. (2)Increase the speed specification value of a measurement job or set a small value for BASICV. Or set a small value for BASICV, or lengthen the measurement section.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4673	MAX TRQ UNDETECTED	The measurement data contain the acceleration torque.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	(1)Reset the alarm. (2)Set a large value for the BASICV, and then check again.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4674	SETE ERROR	An error occurred at SETE instruction execution.	1	An attempt was made to set tool for base/station-axis position-type variable.	Setting error	Check the settings for jobs.
4676	BROKEN FAN FUSE	The fuse (1FU/2FU) is blown in the APU01 unit.	1	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check if there is a ground fault or short circuit in the fan power line.
					Fuse failure	(After cancellation of the short-circuit and ground fault) Replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check if there is a ground fault or short circuit in the fan power line.
					Fuse failure	(After cancellation of the short-circuit and ground fault) Replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check if there is a ground fault or short circuit in the fan power line.
					Fuse failure	(After cancellation of the short-circuit and ground fault) Replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check if there is a ground fault or short circuit in the fan power line.
					Fuse failure	(After cancellation of the short-circuit and ground fault) Replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check if there is a ground fault or short circuit in the fan power line. (After cancellation of the short-circuit and ground fault) Replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check if there is a ground fault or short circuit in the fan power line. (After cancellation of the short-circuit and ground fault) Replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check if there is a ground fault or short circuit in the fan power line. (After cancellation of the short-circuit and ground fault) Replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Sub Code 1to 8: Signifies the SDCA01 board No. in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check if there is a ground fault or short circuit in the fan power line. (After cancellation of the short-circuit and ground fault) Replace the fuse.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4677	IMPOSSIBLE LINEAR MOTION	Interpolation motion cannot perform from a current form (folded direction of arm) to the form at the target position. The move instruction other than MOVJ instruction, or the movement to the position variable by pressing FWD under the Cartesian jog operation cause error.		Sub Code: Control group and axis	Setting error	Check the following settings. ·If the sub code display is L- and U-axes, perform the teaching again to make the form (arm folded direction) of L- and U-axes same at start point and end point. ·If the sub code display is S- and L-axes, perform the teaching again to make the form (arm folded direction) of S- and L-axes same at start point and end point. ·Change the teaching move instruction to MOVJ instruction. * Be careful to the peripheral interference since its movement changes.
4678	SPOT MONITOR DATA ERROR	Failed to read or write the database of spot weld history.		Sub Code: Internal control error in software	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, initialize the database of spot weld history. (3)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4680	F-SAFE COMMAND ERROR (ACP01)	It was not possible to send commands to the ASF01 board.		The previous command was not completed. Sub Code: Functional safety board station number.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Reset the alarm, and then try again.
4681	OVER SPEED (MainCPU)	The operation command which exceeds the designated max. speed was output. It may occur when the robot operates near the singular point or when the robot is going to change its orientation widely with single control point.		Sub Code: Control group and axis	Setting error	Check the following settings. ·Reduce the speed of the step where the alarm occurred. ·Change the move instruction to joint interpolation (MOVJ). * Be careful to the peripheral interference since its movement changes.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4684	INTERPOLATION INVALID	Operation to the position and posture in which the interpolation is impossible was occurred. It may occur when the interpolation motion to the position in which the operation area is exceeded is performed, when the arm expands, or when the interpolation motion to the target position that cannot keep the position and posture is performed.		Sub Code: Control group	Other Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·At the Cartesian jog operation, switch to each-axes jog operations, and then change the orientation of manipulator. ·Change the teaching position and orientation.
4685	F-SAFE WRITE ERROR	An error occurred when recording the data in the ASF01 board.	0	An error occurred in the parameter write operation.	Other Data error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Try the write operation again.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	An error occurred in the file write operation.	Data error	(1)Reset the alarm. (2)Try the write operation again.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Write request has timed out.	Software operation error occurred	(1)Reset the alarm. (2)Try the write operation again.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4692	F-SAFE ENCODER BACKUP ERROR	The ASF01 board has detected a decrease in encoder battery.			Encoder battery failure	(1)Reset the alarm. (2)If AL4311 occurred simultaneously with this alarm, execute the trouble shooting for the AL4311.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4693	F-SAFE READBACK PROC. ERROR	The ASF01 board has detected a readback process.	0	Readback value of CPU1 and CPU2 mismatch.	Data error	(1)Reset the alarm. (2)Try the write operation again.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	Another readback request was issued to the readback process. (Parameter)	Software operation error occurred	(1)Reset the alarm. (2)Try the write operation again.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Another readback request was issued to the readback process. (File)	Software operation error occurred	(1)Reset the alarm. (2)Try the write operation again.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Incorrect file type.	Data error	(1)Reset the alarm. (2)Try the write operation again.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Incorrect file number.	Data error	(1)Reset the alarm. (2)Try the write operation again.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Incorrect write data.	Data error	(1)Reset the alarm. (2)Try the write operation again.
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Process order error.	Software operation error occurred	(1)Reset the alarm. (2)Try the write operation again.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4696	TURN TABLE CALIBRATION ERROR	An error occurred at the conveyor coordinate creation for the turn-table.	1	There was the same point in three points where the calibration had been executed.	Setting error	Correct the calibration position so that each point is different.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The three points where the calibration had been executed lie in a straight line.	Setting error	Check the calibration position so that the three taught points are not aligned in a straight line.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The three points where the calibration had been executed lie in a straight line.	Setting error	Check the calibration position so that the three taught points are not aligned in a straight line.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4697	OFFLINE ARM BEND POS CONVERT ERR	An error occurred when executing of bending correction job conversion.	1	Incorrect information of standard position data for offline arm bend position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Incorrect user-coordinate number in the standard position data for offline arm bend position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Incorrect reference-point data offline arm bend position data conversion	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			4	The position data could not be converted correctly/conversely for the standard position data at the offline arm bend position data conversion.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Incorrect pulse incremental value for offline arm bend position data conversion	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The position data could not be converted correctly for the pulse incremental value at the offline arm bend position data conversion.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Incorrect Cartesian incremental value for offline arm bend position data conversion	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The position data could not be converted correctly for the Cartesian incremental value at the offline arm bend position data conversion.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9	The position conversion could not be done in the conversion data for offline arm bend position data conversion.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
			10	Incorrect incremental value of angle for offline arm bend position data conversion	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The position data could not be converted correctly for the incremental value of angle at the offline arm bend position data conversion.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
			12	The gravity moment for offline arm bend position data conversion could not be calculated.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	The position data could not be converted correctly for the revised conversion data at the offline arm bend position data conversion.	Setting error	The variable position may be out of the robot motion range. Check if the variable position is within the robot motion range.
4698	SHIFT VALUE MAKING ERROR	The shift value could not be set.	1	Reference position and target position occupation control-group error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Reference position and target position enabling control-group error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The position data type is not applicable.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Coordinated control-group error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	User coordinates number on the specified tag side error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4699	SYSTEM ERROR 1(RSC1)	An error was detected into RSC1 control task.		Sub Code Internal control error in software	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4700	SYSTEM ERROR 2(RSC1)	An error was detected into RSC1 control task.		Sub Code Internal control error in software	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4701	MEMORY ALLOCATION ERROR	Use memory is lacking and the area could not be obtained.			Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4703	F-SAFE OPERATION MODE ERROR	Cannot change the mode to PLAY under ENCODER BACK-UP ERROR in ASF01 system.			Data error	(1)Change the teach mode. (2)Reset the alarm, and then try again. (3)If the alarm occurs again, set to home position.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the unit to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4707	TIMING CONTROL ERROR	A error occurred in the timing control processing.	1	Control data error occurred at prereading. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Control data error occurred. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Index number of the target does not exist. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Bank number of the target does not exist. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Control data size over. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Control index overflow. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The control-group of surveillance does not exist. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Instruction index overflow. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	An error occurred when calculate a feedback position. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The control-group of the target which supervises a position does not exist. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	Waiting time exceeded the limit. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	watching information settings incomplete (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			13	Delay control impossible (Function the timing control)	Setting error	Please change the settings so as not to delay control.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	Execution control request settings incomplete (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	Instruction that can not coexist with FPL/+DOUT/+PULSE was used	Setting error	Check the following settings. -FPL/DOUT/+PULSE and NWAIT can not be used at the same time for SYMOVL instruction. Correct the job. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			16	Monitor error occurred. (Function the timing control)	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	Executed step designation error	Setting error	Check the following settings. -Please review a job so that prereading processing of timing control is completed before an operation start of the control object step. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4708	MOTOR GUN AUTO TUNING INCOMPLETE	The SVSPOT command is executed before the GUN completes the setting of MOTOR GUN AUTO TUNING FILE.		Sub Code: Gun number	Setting error	Please complete the setting of MOTOR GUN AUTO TUNING FILE as the following operations. 1. choose [SPOT WELDING] ->[MOTOR GUN AUTO TUNING]. 2. change the mode to PLAYBACK, then push [EXECUTE]. 3. select [REGIST] , after the setting of MOTOR GUN AUTO TUNING FILE completes.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4709	WELD COMPLETE SIGNAL OFF	The spot welding wasn't completed normally. The welding completion signal was not received from the timer conductor within the time limit after the gun open start signal was received.		Sub Code: Welder number	Setting error	(1)Reset the alarm, and then try again. (NOTE) When trying the job again, the manipulator returns to the previous welding point where the spot welding wasn't completed normally and welds again there. (2)If the alarm occurs again, check the following setting of the timer. ·Decrease the offset time of opening the gun.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). It will be automatically reset after 10 seconds. Then, start again.
4710	WELDER ERROR	Arc failure signal was input from the welder even though ARCON is not performed.			Welding power failure	Turn the primary power of welding power OFF then back ON
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4711	24V FUSE BLOWN(EW-BOARD)	24V fuse blown is detected in the AEW01			Parts failure	Replace the fuse on the AEW board.
					Board failure	Replace the AEW board of the corresponding station.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4712	24V DETECT CIR ERR(EW-BOARD)"	An error was detected in 24V detection circuit of welding board (AEW01)		Sub Code: AEW board number	Board failure	Replace the AEW board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4713	EXT 24V POWER ERR(EW-BOARD)	External power (24V) for welding board (AEW01) is OFF			Connection failure	Check if the 24V line that is input for AEW board is correctly wired.
					Unit failure	Replace the unit that supplies with the external 24V power.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4714	18V LINE BROKEN(EW-BOARD)	18V voltage error for welding board (AEW01) was detected		Sub Code: AEW board number	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Replace the AEW board.
4715	CIP MESSAGE SERVER FUNC ERROR	An error occurred during CIP message communication	1	Failed in the generation of the CIP server task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Failed in the ID take of the CIP server task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Failed in the generation of the class entry table.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Library initialize error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Failed in the generation of the access process.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Detect undefined error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	Detect sever function started processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	Detect request error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	Detect memory error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			32	Detect mail send error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	Detect CIP answer error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			40	Detect CIP server task mail receive error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			41	Detect CIP server task request data error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			50	Detect CIP server task send error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4716	BINARY ETHERNET SERVER FUNC ERR	An error occurred during high speed Ethernet sever communication	1	IP address duplicated.	IP address setting error	(1)Reset the alarm, and then try again. (2)The IP address is duplicated with the YRC1000 controller. Confirm the IP address of the communication target. (3)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				Detect message library initialize error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Failed in the generation of the RC connect management task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Failed in the generation of the RC server task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Failed in the generation of the file server task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1040	Failed in the request take of the RC connect management task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1041	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1042	Received data area overflow.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1043	Failed in the request error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1044	Failed in the request error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1059	In a RC connect management task,undefine error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1060	Failed in the ID take of the RC server task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1061	Failed in the mail take of the RC server task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1062	In a RC server task, request mail data error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1063	Answer data area overflow.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1064	In a RC server task, receive data area overflow.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1079	In a RC server task, undefined error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1080	In a file server task, mail receive error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1081	In a file server task, request mail data error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1082	IP address duplicated.	IP address setting error	(1)Reset the alarm, and then try again. (2)The IP address is duplicated with the YRC1000 controller. Confirm the IP address of the communication target. (3)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				In a file server task, request error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1083	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1084	In a file server task, receive data area overflow.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2045	In a RC connect management task , send error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2046	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2065	Detect RC server task send error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2066	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2085	Detect file server task send error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2086	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2087	In a file server task, answer data error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2088	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2089	In a file server task, answer data area overflow.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2098	Failed in the status error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2099	In a file server task, undefined error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3090	In a file sever task, file close error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4718	BINARY ETHERNET CLIENT FUNC ERR	An error occurred during high speed Ethernet client communication	1	Detect message library initialize error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Failed in the generation of the file function task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	Failed in the generation of the RC function task.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Detect I/F data error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Detect undefined error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			110	In a file task, undefined error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			510	In a RC task, undefined error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			511	In a RC task, request command error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			512	In RC task, there is not the class entry of the request command.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			513	In RC task, there is not the service entry of the request command.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1130	In a high speed Ethernet task, request mail error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1131	In a high speed Ethernet task, request command error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1132	In a file task, mail receive error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2140	In a file task, file reading error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2141	In a file task, file writing error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3150	In a file task, request send error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3151	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3160	In a file task, reply packet clear error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3161	Failed in the take of the reply packet data error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3162	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3163	In a file task, time out occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3164	In a file task, receive data area overflow occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3165	In a file task, received data unmatched.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3166	In a file task, receive data size overflow occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3167	In a file task, received data size set to zero occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3168	In a file task, reply head error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3169	In a file task, reply status error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5530	In a RC task, interface request error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5531	In a RC task, interface answer error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5532	In a RC task, interface data area overflow occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5533	In a RC task, interface data writing error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6540	In a RC task, time out occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6541	Detect data error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6542	Detect exclusive process error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6543	Detect time out.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			6544	Setting error	Setting error	Reset the alarm, and confirm whether the following parameter is set to zero. ·S2C541 ·S2C542
				Detect data error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6545	Detect exclusive process error.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7550	In a RC task, request send error occurred.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7551	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7560	In a RC task, reply packet error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7561	In a RC task, reply take error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7562	Failed in the endian conversion.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7563	Detect time out.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7564	In a RC task, receive data area overflow detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7565	In a RC task, received data unmatched.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7566	In a RC task, received data size over.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7567	In a RC task, receive data size zero detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7568	In a RC task, reply head error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7569	In a RC task, reply status error detected.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4719	VIB SUPPRESSION FLT TIME OUT	vibration suppression filter did not complete within the specified time.			Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4721	IMPROPER TOOL FILE SETTING	The current tool file setting doesn't allow the manipulator to be operated.		Sub Code: Control group number & tool data & tool number.	Setting error	(1)Reset the alarm. (2)Check the following settings. ·Select a sub menu [TOOL] under main menu [ROBOT]. ·Select the coordinate window of the number specified by sub code (tool number). ·Set "0" to the coordinate data specified by sub code (tool data).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4725	SETTM ERROR	An error occurred at SETTM instruction execution.	1	TM variable number exceeded the limit.	Setting error	Check the TM variable number used in the job, and then correct the job to fall within the range of TM variable number(0-59).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Same TM variable set up as "LOCAL" was used in different tasks.	Setting error	Correct the job not to use the same TM variable set up as "LOCAL" in different tasks.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	The I/O signal number set up in the "SETTM SETUP FILE" cannot be carried out.	Setting error	Check the I/O signal number set in the "SETTM SETUP FILE", and then correct it within the effective setting range.
4727	GETCVSFT ERROR	An error occurred at GETCVSFT instruction execution.	1	Conveyor condition support file (WORK ID shift) is not set.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set "Use state" of conveyor condition support file (WORK ID shift) to "1: Use."
			2	Conveyor condition support file (WORK IN/OUT shift) is not set.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set "USED STATUS" of conveyor condition support file (WORK IN/OUT shift) to "1: Use."
			3	Conveyor condition file is not set.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set "USED STATUS" of conveyor condition file to "1: Use."
			4	Conveyor condition support file (Start shift) is not set.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set "USED STATUS" of conveyor condition support file (Start shift) to "1: Use."
			5	"WORK ID signal" of the Conveyor condition support file (WORK ID shift) is not set	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set "WORK ID signal" of Conveyor condition support file (WORK ID shift)
			6	"WORK IN/OUT signal" of the Conveyor condition support file (WORK IN/OUT shift) is not set	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set "WORK IN/OUT signal" of Conveyor condition support file (WORK IN/OUT shift)
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4728	CONVEYOR SYNCHRONIZATION (SHIFT FUNCTION) ERROR	An error occurred in conveyor synchronization (shift function) execution.	1	"WORK ID signal" of the Conveyor condition support file (WORK ID shift) is not set	Setting error	Set "WORK ID signal" of Conveyor condition support file (WORK ID shift)
			2	"WORK IN/OUT signal" of the Conveyor condition support file (WORK IN/OUT shift) is not set	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Set "WORK IN/OUT signal" of Conveyor condition support file (WORK IN/OUT shift)
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4729	ASCII IF CONTROL ERROR	An error occurred in the ASCII-IF control processing.	1	The file number is wrong. An attempt was made to record again the file being recorded by IBGNSTART instruction.	Setting error	Set a number of the file in IBGNSTART instruction, so that the file being recorded does not repeat.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Correct the JOB, so that IBGNSTART instruction is used in the JOB of one robot.
			2	The number of robot in the JOB is wrong. An attempt was made to record the file in the JOB including robots more than two.	Setting error	Correct the JOB, so that IBGNSTART instruction is used in the JOB of one robot.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Correct the JOB, so that IBGNSTART instruction is used in the JOB of one external axis (STATION or BASE).
			3	The number of external axis (STATION or BASE) in the JOB is wrong. An attempt was made to record the file in the JOB including external axis (STATION or BASE) more than two.	Setting error	Correct the JOB, so that IBGNSTART instruction is used in the JOB of one external axis (STATION or BASE).

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	IBGNEND instruction is not registered.	Setting error	Register IBGNEND instruction in the same job after the line where IBGNSTART instruction was registered.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	IBGNEND signal is not turned OFF before a specified time at the time of IBGNSTART instruction executed.	Setting error	Turn off IBGNEND signal by executing mpNoticeIBGNRecordRefEnd() in the MotoPlus application before IBGNSTART instruction is executed.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The setting of the playback file is not completed at the time of IBGNSTART PLAYBACK=ON instruction executed.	Setting error	Complete the setting of the playback file by executing mpNoticeIBGNPlaybackSetEnd() in the MotoPlus application before IBGNSTART PLAYBACK=ON instruction is executed.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Job name in the playback file is wrong at the time of IBGNSTART PLAYBACK=ON instruction executed.	Setting error	Set the job name in which IBGNSTART PLAYBACK=ON instruction is executed in the playback file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	The setting of interpolation clock in the playback file is wrong at the time of IBGNSTART PLAYBACK=ON instruction executed.	Setting error	Set the interpolation clock acquired in the record file in the playback file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			9	The start/end step number in the playback file is wrong at the time of IBGNSTART PLAYBACK=ON instruction executed.	Setting error	Set the start/end step number of the job in which the record file was made in the playback file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	IBGNSTART PLAYBACK=ON instruction was executed in a forward direction, before a robot arrives at the start step of the playback file in a backward direction.	Setting error	Execute IBGNSTART PLAYBACK=ON instruction in a forward direction, after a robot arrives at the start step of the playback file in a backward direction, when IBGNSTART PLAYBACK=ON instruction was executed in a backward direction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	An error occurred when IBGNSTART PLAYBACK=ON instruction was executed in a backward direction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4730	CANNOT EXECUTE BRAKE SLIP DETECT	Brake slip detection could not be executed.	1	Brake slip detection was commanded to be executed while another optional function was in execution.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If another optional function was commanded to be executed, cannot execute brake slip detection. Correct the job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Brake slip detection could not be executed in the specified axis.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Holding torque data which is calculated by the brake slip detection is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Detection torque data which is calculated by the brake slip detection is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	The torque value for the brake slip detection device is not set.	Software operation error occurred	(1)Reset the alarm. (2)Check the check torque value settings.
			6	Holding torque data which is calculated by the brake slip detection exceeds the limit.	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Check the check torque value settings.
			7	The parameter of the pulse operation exceeds the limit.	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Check the following settings. -Pulse operation (S1CxG940 to 949)
			8	The parameter of the error detection value parameter is incorrect.	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)Check the following settings. -Error detection value (S1CxG950 to 959)
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4733	WRIST MOTION ERROR (SINGULAR POINT)	The wrist axis was about to enter singular area.		An attempt was made to pass the B-axis zero degree position (singular area).	Setting error	Check the teaching position of the job so that the manipulator does not pass the B-axis zero degree position (singular area).
4734	FIGURE CONVERSION IMPOSSIBLE	Cannot convert to the specified figure.		The setting of the form data for Flip/No Flip is not "B-axis Angle.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set "1" to "S2C658: Type data detail settings".
4735	SENSOR-LESS LEARNING CTRL ERROR	An error occurred in learning control.	1	Learning control table setting error.	Software operation error occurred	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm, and then try again. (2)If another optional function was commanded to be executed, cannot execute brake slip detection. Correct the job.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Learning control table ID is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Multiple task execution error	Setting error	The Learning control cannot execute the same time by multiple tasks. Correct the job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4736	USER GROUP IO ERROR	An error occurred in the user group I/O control processing.	1	Setting of "START" in the user group I/O setting file is 0.	Setting error	Set a value of 1-4096 at "START" in the user group I/O setting file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Setting of "LENGTH" in the user group I/O setting file is abnormal.	Setting error	Set a value of 1-32 at "LENGTH" in the user group I/O setting file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The number of I/O signals in the definition of the user group I/O is out of a range.	Setting error	Set "START" or "LENGTH" in the user group I/O setting file, so that the number of I/O signals in the definition of the user group I/O is within a range.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	A number of the user group I/O is abnormal.	Setting error	Set a number of the user group I/O to 1-64 used in the JOB.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4737	MOTION RANGE LIMIT OVER	<p>The manipulator exceeded its motion range limit.</p> <p>Cause 1: When the instruction point is outside the motion range limit, this alarm occurs.</p> <p>Cause 2: The special range of motion is the function from which the movement area expands with weight information setting of a tool file. In case of the robot with the special range of motion, when the weight information on a tool file was changed to the setting the movement area reduces, after teaching the area which expanded, this alarm occurs.</p>		Sub Code: Control group	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is within the motion range. <p>(2)Check the following setting in case of the robot with the special range of motion.</p> <ul style="list-style-type: none"> ·Check the weight information in the tool file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4738	DEST MOTION RANGE LIMIT OVER	<p>The manipulator exceeded its motion range limit in the motion target position.</p> <p>Cause 1: When the instruction point is outside the motion range limit, this alarm occurs.</p> <p>Cause 2: The special range of motion is the function from which the movement area expands with weight information setting of a tool file.</p> <p>In case of the robot with the special range of motion, when the weight information on a tool file was changed to the setting the movement area reduces, after teaching the area which expanded, this alarm occurs.</p>		Sub Code: Control group	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·Check the position setting for the step (move instruction) where the alarm occurred. <p>(2)Check the following setting in case of the robot with the special range of motion.</p> <ul style="list-style-type: none"> ·Check the weight information in the tool file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4739	USER ANALOG IO ERROR	An error occurred in the user analog I/O control processing.	1	Setting of "START" in the user analog I/O setting file is 0.	Setting error	Set a value of 1-4096 at "START" in the user analog I/O setting file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The number of I/O signals in the definition of the user analog I/O is out of a range.	Setting error	Set "START" or "LENGTH" in the user analog I/O setting file, so that the number of I/O signals in the definition of the user analog I/O is within a range.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Set the number of the user analog I/O setting file to 1-16 used in the JOB.
			3	The number of the user analog I/O setting file is abnormal.	Setting error	
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4740	M-SAF OVERRUN DETECT	Overrun signal is detected in the ASF01 board.		Overrun limit switch control group that is displayed in the sub code has tripped.	Fuse failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection of the fuse of ASF01 board and then turn the power ON again.
					Overrun limit switch released	(1)Reset the alarm. (2)If the alarm occurs again, overrun limit switch is released. Select "OVERRUN&SHOCK SENSOR" under sub menu "ROBOT" to reset the limit switch.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Check the electrical connection of slack and cable of connection between the control group in whom the overrun limit switch operated, IM-YE250/5-80P terminal board or IM-YE250/5-80P terminal board and ASF01 board (CN204,206), and a connector. ·Check the connection and inserting state of the following manipulator cables (Between Manipulator and YRC1000) and connectors.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the control group on which the alarm occurred.
					Overrun limit switch failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the limit switch or an equivalent switch.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal boards are connected, replace the board, which is connected to the control group on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4741	M-SAF PPESP SIG. ERROR	Emergency stop signal of PP is unmatched.		Emergency stop signal of programming pendant was unmatched longer than a certain time.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ASF01 board - CN203 connector ·Replace the cable of the Programming Pendant. ·Check connectors of the connected outside devices of EMERGENCY STOP signal of programming pendant line.
					Programming pendant failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the programming pendant.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the ASF01 board which is connected to the first SDCA01 board.
					Fuse failure	[Controller for painting use (Explosion-proof programming pendant spec)] (1) Reset the alarm. (2) If the alarm occurs again, replace the fuse (FU10, FU11) in the painting module.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4742	M-SAF PBESP SIG. ERROR	Emergency stop signal of the panel box is unmatched.		Emergency stop signal of the panel box was unmatched for a certain time.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ASF01 board - CN203 connector ·Check connectors of the connected outside devices of EMERGENCY STOP signal line.
					Hardware failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the emergency stop switch of the panel box.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the ASF01 board which is connected to the first SDCA01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal board. are connected, replace the IM-YE250/5-80P terminal board which is connected to the first ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4743	M-SAF EXESP SIG. ERROR	External emergency stop signal is unmatched.		External emergency stop signal was unmatched for a certain time.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·EXTERNAL EMERGENCY STOP switch and IM-YE250/5-80P terminal board cable ·ASF01 board (CN206) - IM-YE250/5-80P terminal board cable ·Check connectors of the connected outside devices of EXTERNAL EMERGENCY STOP signal line.
					Hardware failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the external emergency stop switch.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the ASF01 board which is connected to the first SDCA01 board.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal board. are connected, replace the IM-YE250/5-80P terminal board which is connected to the first ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4744	M-SAF PP ENABLE SW SIG. ERROR	The enable switch signal of Programming Pendant is unmatched.		The enable switch signal of Programming Pendant was unmatched for a certain time.	Programming pendant illegal operation	(1)Reset the alarm. (2)There are two contact points for an enable switch, and only one point may be turned on by how to squeeze it or when putting it on the place where it is not a plane such as on the knee etc. Check how to squeeze or put the programming pendant on flat.
					Programming pendant failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the programming pendant.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the programming pendant.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the ASF01 board which is connected to the first SDCA01 board.
					Fuse failure	[Controller for painting use (Explosion-proof programming pendant spec)] (1) Reset the alarm. (2) If the alarm occurs again, replace the fuse (FU14, FU15) in the painting module.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4745	M-SAF EX ENABLE SW SIG. ERROR	External Enable signal is unmatched.		External Enable signal was unmatched for a certain time.	ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4746	M-SAF SAFETY FENCE SIG. ERROR	Safety fence signal is unmatched.		Safety fence signal is unmatched for a certain time.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SAFETY FENCE switch and IM-YE250/5-80P terminal board cable ·ASF01(CN206)-IM-YE250/5-80P terminal board cable ·Check connectors of the connected outside devices of SAFETY FENCE signal line.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the ASF01 board which is connected to the first SDCA01 board.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal boards are connected, replace the IM-YE250/5-80P terminal board which is connected to the first ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4747	M-SAF OVERRUN SIG. ERROR	Ovrrun signal unmatched is detected by ASF01 board.		The meaning of each sub code is as follows: 1: OT1 2: OT2 3: OT3 4: OT4	Ovrrun limit switch released	(1)Reset the alarm. (2)If the alarm occurs again, ovrrun limit switch is released. Select "OVERRUN&SHOCK SENSOR" under sub menu "ROBOT" to reset the limit switch.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please insert, and conduction state of the cable and connector of the control group to which the ovrrun limit switch has tripped.
					Ovrrun limit switch failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the limit switch or an equivalent switch.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the OT signal on which the alarm occurred.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal boards are connected, replace the board, which is connected to the OT signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4748	M-SAF ON_ENABLE SIG. ERROR	ON_ENABLE signal unmatched is detected by ASF01 board.		The meaning of each sub code is as follows: 1: ON_ENABLE1 2: ON_ENABLE2 3: ON_ENABLE3 4: ON_ENABLE4	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ON_ENABLE switch and IM-YE250/5-80P terminal board cable ·ASF01(CN206) - IM-YE250/5-80P terminal board cable
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the ON_ENABLE signal on which the alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal boards are connected, replace the board, which is connected to the OT signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4749	M-SAF FULL SPEED SIG. ERROR	Full speed test signal is unmatched.		Full speed test signal was unmatched for a certain time.	ASF01 board failure Other	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4750	M-SAF GENERAL INPUT SIG. ERROR	General input signal unmatch is detected by ASF01 board.		The meaning of each sub code is as follows: 1: GSIN1 2: GSIN2	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Connected outside devices of GSIN signal line and IM-YE250/5-80P terminal board. ·ASF01 - IM-YE250/5-80P terminal board cable. ·Check connectors of the connected outside devices of GSIN signal line.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the GSIN signal on which the alarm occurred.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal boards are connected, replace the board, which is connected to the OT signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4751	M-SAF GENERAL INPUT SIG. ERROR2	Unmatch of general safety input signal of function safety is detected by ASF02 board, ASU03 unit.		The meaning of each sub code is as follows: D01: XIN01 D02: XIN02 D03: XIN03 D04: XIN04 D05: XIN05 D06: XIN06 D07: XIN07 D08: XIN08 D09: XIN09 D10: XIN10 D11: XIN11 D12: XIN12 D13: XIN13 D14: XIN14 D15: XIN15 D16: XIN16	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Connected outside devices of XIN01-16 signal line and IM-YE250/5-80P terminal board ·ASF01-ASF02, ASF01 cable ·Check connectors of the connected outside devices of XIN signal line.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board.
					ASF02 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF02 board. In a system where a plurality of ASF02 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal boards are connected, replace the board, which is connected to the OT signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4752	M-SAF PPESP DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of ESP signal of Programming Pendant.		Sub code indicates the process that the software of CPU1 or CPU2 detected an error.	ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the ASF01 board which is connected to the first SDCA01 board.
4753	M-SAF PBESP DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of ESP signal of Panel Box.		Sub code indicates the process that the software of CPU1 or CPU2 detected an error.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4754	M-SAF EXESP DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of external ESP signal.		Sub code indicates the process that the software of CPU1 or CPU2 detected an error.	ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the ASF01 board which is connected to the first SDCA01 board.
4755	M-SAF PP ENABLE SW DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of ENABLE signal of Programming Pendant.		Sub code indicates the process that the software of CPU1 or CPU2 detected an error.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4756	M-SAF EX ENABLE SW DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of external ENABLE signal.		Sub code indicates the process that the software of CPU1 or CPU2 detected an error.	ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the ASF01 board which is connected to the first SDCA01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4757	M-SAF SAFETY GUARD DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of safety guard signal.		Sub code indicates the process that the software of CPU1 or CPU2 detected an error.	ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the ASF01 board which is connected to the first SDCA01 board.
4758	M-SAF OVERRUN DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of overrun signal.		An error is detected by ASF01 board. The error is occurred in the signal that is inverted representation. CPU1 1:OT1 CPU1 2:OT2 CPU1 3:OT3 CPU1 4:OT4 CPU2 1:OT1 CPU2 2:OT2 CPU2 3:OT3 CPU2 4:OT4	Other ASF01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the overrun signal on which the alarm occurred.
4759	M-SAF ON_ENABLE DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of ON_ENABLE signal.		An error is detected by ASF01 board. The meaning of each sub code is as follows: CPU1 1: ON_ENABLE1 CPU1 2: ON_ENABLE2 CPU1 3: ON_ENABLE3 CPU1 4: ON_ENABLE4 CPU2 1: ON_ENABLE1 CPU2 2: ON_ENABLE2 CPU2 3: ON_ENABLE3 CPU2 4: ON_ENABLE4	Other ASF01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the ON_ENABLE signal on which the alarm occurred.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4760	M-SAF FULL SPEED DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of full speed signal.		Sub code indicates the process that the software of CPU1 or CPU2 detected an error.	Other ASF01 board failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the ON_ENABLE signal on which the alarm occurred.
4761	M-SAF GENERAL INPUT DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of general safety input signal.		The meaning of each sub code is as follows: CPU1 1: GSIN1 CPU1 2: GSIN2 CPU2 1: GSIN1 CPU2 2: GSIN2	Other Connection failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·IM-YE250/5-80P terminal board ·ASF01 - IM-YE250/5-80P terminal board cable ·Check connectors of the connected outside devices of GSIN signal line.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4762	M-SAF GENERAL INPUT DIAG. ERROR2	An error is detected by ASF01 board in self diagnosis process of function safety general safety input signal of ASF02 board, ASU03 unit.		The meaning of each sub code is as follows: D01: XIN01 D02: XIN02 D03: XIN03 D04: XIN04 D05: XIN05 D06: XIN06 D07: XIN07 D08: XIN08 D09: XIN09 D10: XIN10 D11: XIN11 D12: XIN12 D13: XIN13 D14: XIN14 D15: XIN15 D16: XIN16	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·IM-YE250/5-80P terminal board ·ASF02, ASU03 - IM-YE250/5-80P terminal board cable ·Check connectors of the connected outside devices of XIN signal line.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board.
					ASF02 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF02 board. In a system where a plurality of ASF02 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4763	M-SAF CONTACT FB DIAG. ERR(CPU1)	An feedback error of the output of contactors signal is detected by ASF01 board in diagnosis process.		The meaning of each sub code is as follows: 1: KMMB1 2: KMMB2 3: KMMB3 4: KMMB4	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Cable continuity between ASF01 board and APU01 unit.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4764	M-SAF STO FB DIAG. ERROR	An feedback error of the output of STO signal is detected by ASF01 board in diagnosis process.		The meaning of each sub code is as follows: CPU1 1: EDM1 CPU1 2: EDM2 CPU1 3: EDM3 CPU1 4: EDM4 CPU2 1: EDM1 CPU2 2: EDM2 CPU2 3: EDM3 CPU2 4: EDM4	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. · Cable continuity between ASF01 board and SDCA01 board.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board on which the alarm occurred.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. In a system where a plurality of SDCA01 boards are connected, replace the board on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4765	M-SAF BRAKE FB DIAG. ERROR	An feedback error of the output of brake signal is detected by ASF01 board in diagnosis process.			ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board on which the alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. In a system where a plurality of SDCA01 boards are connected, replace the board, which is connected to the board on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4766	M-SAF CONTACT OFF FB DIAG. ERROR	An feedback error of the output of contactor control signal is detected by ASF01 board in diagnosis process.			Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·APU01 unit-CN610 ·Cable continuity between ASF01 board(CN205) and APU01 unit(CN607).
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board on which the alarm occurred.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. In a system where a plurality of APU01 units are connected, replace the board, which is connected to the unit on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4767	M-SAF GENERAL OUT FB DIAG. ERROR	An feedback error of general safety output signal is detected by ASF01 board in diagnosis process.		The meaning of each sub code is as follows: CPU1 1: GSEDM1 CPU1 2: GSEDM2 CPU2 1: GSEDM1 CPU2 2: GSEDM2	Setting error	This alarm can occur after the software update. If feedback signals of GSOUTs are not necessary in the system, change settings about 'GSOUT Feedback SETTING' in SAFETY LOGICAL CIRCUIT SETTING on maintenance mode.
					Setting error	If feedback signals of GSOUTs are necessary in the system, check safety logic circuits and signal status about GSOUTs and S_GSEDMs. According to the system requirements, change the settings of safety logic circuits.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	If feedback signals of GSOUTs are necessary in the system, check safety logic circuits and signal status about GSOUTs and S_GSEDMs. If the S_GSEDMs signal status isn't changed by GSOUTs, check the connections, cables, and connectors between GSOUTs and S_GSEDMs.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal board are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4768	M-SAF GENERAL OUT FB DIAG. ERROR2	An feedback error of function safety general safety output signal is detected by ASF01 board in diagnosis process.		The meaning of each sub code is as follows: D01: XOUT01 D02: XOUT02 D03: XOUT03 D04: XOUT04 D05: XOUT05 D06: XOUT06 D07: XOUT07 D08: XOUT08 D09: XOUT09 D10: XOUT10 D11: XOUT11 D12: XOUT12 D13: XOUT13 D14: XOUT14 D15: XOUT15 D16: XOUT16	Setting error	This alarm can occur after the software update. If feedback signals of FSBOUts(XOUTs) are not necessary in the system, change settings about 'XOUT Feedback SETTING' in SAFETY LOGICAL CIRCUIT SETTING on maintenance mode.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Setting error	If feedback signals of FSBOUts(XOUts) are necessary in the system, check safety logic circuits and signal status about FSBOUts and S_XEDMs. According to the system requirements, change the settings of safety logic circuits.
					Connection failure	If feedback signals of FSBOUts(XOUts) are necessary in the system, check safety logic circuits and signal status about FSBOUts and S_XEDMs. If the S_XEDMs signal status isn't changed by FSBOUts, check the connections, cables, and connectors between FSBOUts and S_XEDMs.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. - ASF02,ASU03 - IM-YE250/5-80P terminal board cable - Check connectors of the connected outside devices of XEDM signal line.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board.
					ASF02 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF02 board. In a system where a plurality of ASF02 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4769	M-SAF CONTACTOR DIAG. ERROR	An error is detected by CPU1 on ASF01 board in self diagnosis process of contactor output signal.		The meaning of each sub code is as follows: CPU1 1: SFRON1 CPU1 2: SFRON2 CPU1 3: SFRON3 CPU1 4: SFRON4 CPU2 1: SFRON1 CPU2 2: SFRON2 CPU2 3: SFRON3 CPU2 4: SFRON4	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. -Cable continuity between ASU03 unit and APU01 unit.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit. In a system where a plurality of APU01 units are connected, replace the unit, which is connected to the unit on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4770	M-SAF STO DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of STO signal.		The meaning of each sub code is as follows: CPU1 1: STO1 CPU1 2: STO2 CPU1 3: STO3 CPU1 4: STO4 CPU2 1: STO1 CPU2 2: STO2 CPU2 3: STO3 CPU2 4: STO4	ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. In a system where a plurality of SDCA01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4771	M-SAF GENERAL OUTPUT DIAG. ERROR	An error is detected by ASF01 board in self diagnosis process of general safety output signal.		The meaning of each sub code is as follows: CPU1 1: GSOUT1 CPU1 2: GSOUT2 CPU2 1: GSOUT1 CPU2 2: GSOUT2	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. · Cable continuity between ASF01 board and IM-YE250/5-80P terminal board.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4772	M-SAF GENERAL OUTPUT DIAG. ERROR2	An error is detected by ASF02 board, ASU03 unit in self diagnosis process of function safety general safety output signal.		The meaning of each sub code is as follows: D01: XOUT01 D02: XOUT02 D03: XOUT03 D04: XOUT04 D05: XOUT05 D06: XOUT06 D07: XOUT07 D08: XOUT08 D09: XOUT09 D10: XOUT10 D11: XOUT11 D12: XOUT12 D13: XOUT13 D14: XOUT14 D15: XOUT15 D16: XOUT16	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. -Cable continuity between ASF02 board and ASU03 unit, IM-YE250/5-80P terminal board.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASF02 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF02 board. In a system where a plurality of ASF02 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4773	M-SAF CONTACT FB DIAG. ERR(CPU2)	An feedback error of the output of contactors signal is detected by ASF01 board in diagnosis process.		The meaning of each sub code is as follows: 1: KMMB1 2: KMMB2 3: KMMB3 4: KMMB4	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Cable continuity between ASU03 unit and APU01 unit.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4776	M-SAF YSF LOGIC FILE SIGNAL ERR	The undefined signal was detected in the safety logical circuit function.		Sub-code indicates the circuit number that detected the error.	Setting error	Please display the screen of the "safety function" - "safety logical circuit", and check the value of a "signal", "logic", and a "timer". When a value is inaccurate, please set up the right value and perform "writing."
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4779	PointPLC CONTROL ERROR	An error occurred in PointPLC.	1	When P-PLC instruction was executed, there was not PLCSTPON instruction or PLCSTPOF instruction.	Setting error	(1)Reset the alarm. (2)Check whether PLCSTPON instruction and PLCSTPOF instruction is registered. When unregistered, register PLCSTPON instruction and PLCSTPOF instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	PLCSTPON instruction or PLCSTPOF instruction is duplicated in the PointPLC program.	Setting error	(1)Reset the alarm. (2)delete duplicate PLCSTPON instruction or PLCSTPOF instruction
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	An attempt was made to execute an instruction that could not be executed in the PointPLC program.	Setting error	(1)Reset the alarm. (2)delete the instruction which cannot be executed in the PointPLC program.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	PointPLC Program could not be executed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	PointPLC Program could not be executed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	PointPLC Program execution result is err.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	PointPLC Program execution result is err.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	PointPLC Program execution result is err.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	PointPLC function is invalid.	Setting error	Enable PointPLC function.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4780	F-SAFE AXIS RANGE LIMIT INTF	Each axis is trying to move outside the limits.		Sub Code: Signifies the file number, control group and axis in which the alarm occurred.	Setting error	Check the following settings. ·Check the axis range limit condition file that is indicated in the sub code is set correctly. ·Modify the teaching so as not to interfere limit range setting.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4781	AXIS RANGE LIMIT INTF	Each axis is trying to move outside the limits. (detected in ACP01)		Sub Code: Signifies the file number, control group and axis in which the alarm occurred.	Setting error	Check the following settings. ·Check the axis range limit condition file that is indicated in the sub code is set correctly. ·Modify the teaching so as not to interfere limit range setting.
4782	F-SAFE AXIS SPEED MONITOR ERROR	Each axis has moved beyond the limit speed.		Sub Code: Signifies the file number, control group, axis and error type in which the alarm occurred.	Setting error	Check the following settings. ·Check the axis speed monitor condition file that is indicated in the sub code is set correctly. ·Modify the teaching so as not to over with limit speed setting.
4783	F-SAFE ROBOT RANGE LIMIT INTF	Robot tried to interfere with the limited area.		Sub Code: Signifies the file number, control group and axis in which the alarm occurred.	Setting error	Check the following settings. ·Check robot range limit condition file that is indicated in the sub code is set correctly. ·Modify the teaching so as not to interfere limit area setting.
4784	ROBOT RANGE LIMIT INTF	Robot tried to interfere with the limited area. (detected in ACP01)		Sub Code: Signifies the file number, control group and axis in which the alarm occurred.	Setting error	Check the following settings. ·Check the robot range limit condition file that is indicated in the sub code is set correctly. ·Modify the teaching so as not to interfere limit area setting.
4785	F-SAFE SPEED LIMIT ERROR	Robot has moved beyond the limit speed.		Sub Code: Signifies the file number, control group and error type in which the alarm occurred.	Setting error	Check the speed limit condition file that is indicated in the sub code is set correctly.
4786	F-SAFE TEACH SAFETY SPEED ERROR	Robot has moved beyond the teach mode safety speed (250mm/sec).		Sub Code: Signifies the control group and error type in which the alarm occurred.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the speed limit condition file that is indicated in the sub code is set correctly.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4787	F-SAFE ROBOT STOP MONITOR ERROR	Robot has moved, when the robot stop monitor is enabled.		Sub Code: Signifies the file number and control group in which the alarm occurred.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the speed limit condition file that is indicated in the sub code is set correctly.
4788	F-SAFE STATION STOP MONITOR ERR	Station axis has moved, when the station stop monitor is enabled.		Sub Code: Signifies the file number, control group and axis in which the alarm occurred.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the speed limit condition file that is indicated in the sub code is set correctly.
4789	F-SAFE TOOL CHANGE MONITOR ERR	Selection tool file number is anomaly.		Sub Code: Signifies the file number, control group and error type in which the alarm occurred. Error type means: 1:All tool change monitoring condition files is invalid. 2:It detects a mismatch of monitoring tool number and the selection tool file number. 3:Multiple tool change monitoring condition files is enabled.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Check the tool change monitor condition file that is indicated in the sub code is set correctly. ·Check whether only one tool change monitor condition file enable. ·Please coincide the tool file number chosen as the robot of the control group displayed in subcode, and a tool change monitor condition file.
4790	F-SAFE TOOL ANGL MONITOR ERR	Selection tool angle is anomaly.		Sub Code: Signifies the file number and control group in which the alarm occurred.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Check the tool angle monitor condition file that is indicated in the sub code is set correctly. ·Modify the teaching so as not to over limit angle setting.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4791	F-SAFE AXIS STOP MONITOR ERROR	Each axis has moved, when the axis stop monitor is enabled.		Sub Code: Signifies the file number, control group and axis in which the alarm occurred.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·Check the axis speed monitor condition file that is indicated in the sub code is set correctly. ·Modify the teaching so as not to over with limit speed setting. <p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
4792	TOOL ANGL MONITOR ERR	Selection tool angle is anomaly. (detected in ACP01)		Sub Code: Signifies the file number and control group in which the alarm occurred.	Setting error	<p>Check the following settings.</p> <ul style="list-style-type: none"> ·Check the tool angle monitor condition file that is indicated in the sub code is set correctly. ·Modify the teaching so as not to over limit angle setting. <p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4793	F-SAFE SIGNAL SET ERR(GENERAL)	There is a problem with the configuration data of the general safety signal of safety monitoring conditions file.		<p>Sub Code: Code ?X _ _ _ ? indicates the abnormal content. 1000: Input/output signal number in condition file is abnormal. 2000: General safety input signal that is not available is set in condition file. 3000: General safety output signal that is not available is set in condition file. 4000: Safety fieldbus input signal that is not available is set in condition file. 5000: Safety fieldbus output signal that is not available is set in condition file. 6000: File valid condition data is abnormal.</p> <p>Code ? _ Y _ _ ? indicates the type of condition file abnormality occurs. 100: Axis range limit function 200: Axis speed monitor function 300: Speed limit function 400: Robot range limit function 500: Tool angle monitor function 600: Tool change monitor function</p> <p>Code ? _ _ Z ? indicates the number of condition file abnormality occurs.</p>	Data error	(1)Check the configuration of condition file abnormality occurs. (2)Reset the alarm, and then try again.

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4794	F-SAFE MONITOR EXECUTE TIME OVER	Execution time of the safety monitoring process has exceeded the specified value.			Setting error	(1)Reset the alarm. (2)If the alarm occurs again, reduce the number of robot range limit condition files validated at the same time.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4795	F-SAFE CANNOT OPERATE TEMP DSBL	Can not change the play mode, when function disable mode is ON in temporary.			Setting error	(1)Change the teach mode. (2)Reset the alarm, and then try again.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4796	F-SAFE DATA CRC UNMATCH	The communication data error occurred between the ASF01 board and the ASF01 board.		Sub Code: Signifies the file kind in which the alarm occurred.	Data error	(1)Reset the alarm, and then try again. (2)Check whether the data which it is going to load is surely saved as data of functional safety.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					AIF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4797	F-SAFE RANGE COMBINATION ERR	The ASF01 board has detected a range combine function.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Software operation error occurred	Reset the alarm, and then try again.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4798	F-SAFE SIGNAL SET ERR(SFB)	There is a problem with the configuration data of the safety fieldbus signal of safety monitoring conditions file.		<p>Sub Code: Code ?X ___? indicates the abnormal content. 1000: Input/output signal number in condition file is abnormal. 4000: Safety fieldbus input signal that is not available is set in condition file. 5000: Safety fieldbus output signal that is not available is set in condition file. 6000: File valid condition data is abnormal.</p> <p>Code ? _ Y __ ? indicates the type of condition file abnormality occurs. 100: Axis range limit function 200: Axis speed monitor function 300: Speed limit function 400: Robot range limit function 500: Tool angle monitor function 600: Tool change monitor function</p> <p>Code ? __ Z ? indicates the number of condition file abnormality occurs.</p>	Data error	<p>(1)Check the configuration of condition file abnormality occurs. (2)Reset the alarm, and then try again.</p>
					ASF01 board failure	<p>(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.</p>
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4799	F-SAFE SIGNAL SET ERR(LOGIC)	There is a problem with the configuration data of the safety logical circuit signal of safety monitoring conditions file.		<p>Sub Code: Code ?X ___ ? indicates the abnormal content. 1000: Input/output signal number in condition file is abnormal. 4000: Safety logical circuit input signal that is not available is set in condition file. 5000: Safety logical circuit output signal that is not available is set in condition file. 6000: File valid condition data is abnormal.</p> <p>Code ? _ Y _ _ ? indicates the type of condition file abnormality occurs. 100: Axis range limit function 200: Axis speed monitor function 300: Speed limit function 400: Robot range limit function 500: Tool angle monitor function 600: Tool change monitor function</p> <p>Code ? _ _ Z ? indicates the number of condition file abnormality occurs.</p>	Data error	(1)Check the configuration of condition file abnormality occurs. (2)Reset the alarm, and then try again.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4812	M-SAF FB DIAG. ERROR	An error of the feedback signal is detected by ASF01 board in feedback diagnosis.			ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4822	HARD WIRE BASE BLOCK ERROR	An feedback error of the output of STO signal is detected by SDCA01 board in diagnosis process.		Sub Code: Signifies the control axis number which detected an error	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the ASF01-CN205 connectors.
					Fuse failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection of the fuse of ASF01 board and then turn the power ON again.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4823	HARD WIRE BASE ENABLE ERROR	An feedback error of the output of STO signal is detected by SDCA01 board in diagnosis process.		Sub Code: Signifies the control axis number which detected an error	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the ASF01-CN205 connectors.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4824	BASE BLOCK ERROR	Base block signal is detected by SDCA01 board in diagnosis process.		Sub Code: Signifies the control axis number which detected an error	Other Connection failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the ASF01-CN205 connectors.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4825	BASE ENABLE ERROR	Base block signal is detected by SDCA01 board in diagnosis process.		Sub Code: Signifies the control axis number which detected an error	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN501 ·ASF01-CN205 ·Inverter board-CN571
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4826	CONTACTOR ERROR(STO)	<p>The YRC1000 system checks the status of the power-ON (APU01 unit) contactors. This alarm occurs if there is an inconsistency between the control output and contactor status.</p> <p>Ex.)</p> <ul style="list-style-type: none"> • The signal from the contactor turned OFF while the servo was ON. • The contactor turned ON while the servo was OFF for emergency stop. 		Sub Code: Signifies the control axis number which detected an error	APU01 unit failure	<p>(1)Reset the alarm.</p> <p>(2)If the alarm occurs again, replace the APU01 unit. Save the CMOS.BIN before replacing the unit to be safe.</p>
					Fuse failure	<p>(1)Reset the alarm.</p> <p>(2)If the alarm occurs again, check the connection of the fuse of ASF01 board and then turn the power ON again.</p>
					Connection failure	<p>(1)Reset the alarm.</p> <p>(2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors.</p> <ul style="list-style-type: none"> ·ASF01-CN204 ·APU01-CN604
					ASF01 board failure	<p>(1)Reset the alarm.</p> <p>(2)If the alarm occurs again, replace the ASF01 board. Save the CMOS.BIN before replacing the board to be safe.</p>
					SDCA01 board failure	<p>(1)Reset the alarm.</p> <p>(2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.</p>
					Other	<p>If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).</p>
4827	DRESSER SERVO POWER OFF	The servo power is not supplied to the servo dresser axis to be operated.		Sub Code: Signifies the control axis number which detected an error	The servo power is not supplied.	Turn ON the servo power for the servo dresser axis to be operated.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4828	TIP DRESS TIME OVER	The tip dress instruction was not completed within the specified time.		Sub Code: Signifies the control axis number which detected an error	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check if metal pieces getting into dresser blades prevent the dresser from rotating.
					Setting error	Check whether the "PRESS CONDITION" setting in TIP DRESS CONDITION file is correct.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4842	MotoLogix (SYSTEM ERROR)	An error occurred in MotoLogix.			Software operation error occurred	(1)Reset the alarm and execute again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4846	MotoLogix (OPERATION ERROR)	MotoLogix command is not correct.	1000000	Failed in Move command. Undefined Move command has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000001	Failed in Move command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000100	Failed in MoveLinearAbsolute command. (Control group1) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000101	Failed in MoveLinearAbsolute command. (Control group1) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1000102	Failed in MoveLinearAbsolute command. (Control group1) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000103	Failed in MoveLinearAbsolute command. (Control group1) Undefined speed unit has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000104	Failed in MoveLinearAbsolute command. (Control group1) Undefined rotational speed has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000105	Failed in MoveLinearAbsolute command. (Control group1) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000106	Failed in MoveLinearAbsolute command. (Control group1) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000107	Failed in MoveLinearAbsolute command. (Control group1) Incorrect number of user coordinate has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000108	Failed in MoveLinearAbsolute command. (Control group1) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000109	Failed in MoveLinearAbsolute command. (Control group1) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000110	Failed in MoveLinearAbsolute command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000111	Failed in MoveLinearAbsolute command. (Control group1) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000112	Failed in MoveLinearAbsolute command. (Control group1) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000113	Failed in MoveLinearAbsolute command. (Control group1) The deceleration is out of range.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000200	Failed in MoveLinearRelative command. (Control group1) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000201	Failed in MoveLinearRelative command. (Control group1) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000202	Failed in MoveLinearRelative command. (Control group1) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000203	Failed in MoveLinearRelative command. (Control group1) Undefined speed unit has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000204	Failed in MoveLinearRelative command. (Control group1) Undefined rotational speed has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1000205	Failed in MoveLinearRelative command. (Control group1) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000206	Failed in MoveLinearRelative command. (Control group1) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000207	Failed in MoveLinearRelative command. (Control group1) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000208	Failed in MoveLinearRelative command. (Control group1) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000209	Failed in MoveLinearRelative command. (Control group1) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000210	Failed in MoveLinearRelative command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1000211	Failed in MoveLinearRelative command. (Control group1) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000212	Failed in MoveLinearRelative command. (Control group1) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000213	Failed in MoveLinearRelative command. (Control group1) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000300	Failed in MoveAxisAbsolute command. (Control group1) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000301	Failed in MoveAxisAbsolute command. (Control group1) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000302	Failed in MoveAxisAbsolute command. (Control group1) The speed is out of range.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000303	Failed in MoveAxisAbsolute command. (Control group1) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000304	Failed in MoveAxisAbsolute command. (Control group1) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000305	Failed in MoveAxisAbsolute command. (Control group1) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000306	Failed in MoveAxisAbsolute command. (Control group1) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000307	Failed in MoveAxisAbsolute command. (Control group1) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000308	Failed in MoveAxisAbsolute command. (Control group1)	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000309	Failed in MoveAxisAbsolute command. (Control group1) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000310	Failed in MoveAxisAbsolute command. (Control group1) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000311	Failed in MoveAxisAbsolute command. (Control group1) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000400	Failed in MoveAxisRelative command. (Control group1) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000401	Failed in MoveAxisRelative command. (Control group1) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1000402	Failed in MoveAxisRelative command. (Control group1) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000403	Failed in MoveAxisRelative command. (Control group1) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000404	Failed in MoveAxisRelative command. (Control group1) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000405	Failed in MoveAxisRelative command. (Control group1) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000406	Failed in MoveAxisRelative command. (Control group1) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000407	Failed in MoveAxisRelative command. (Control group1) Incorrect value of frame shift has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000408	Failed in MoveAxisRelative command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000409	Failed in MoveAxisRelative command. (Control group1) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000410	Failed in MoveAxisRelative command. (Control group1) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000411	Failed in MoveAxisRelative command. (Control group1) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000500	Failed in Jog command. Incorrect command index has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000501	Failed in Jog command. Undefined Jog command has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1000600	Failed in JogAxes command. (Control group1) The speed is out of range.	Setting error	Input correct data.
			1000601	Failed in JogAxes command. (Control group1)	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000602	Failed in JogAxes command. Incorrect number of control group has been set.	Setting error	Input correct data.
			1000700	Failed in JogTcp command. (Control group1) The speed is out of range.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000701	Failed in JogTcp command. (Control group1) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
			1000702	Failed in JogTcp command. (Control group1)	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000703	Failed in JogTcp command. Incorrect number of control group has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000800	Failed in JogAxesToPoint command. (Control group1) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000801	Failed in JogAxesToPoint command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000802	Failed in JogAxesToPoint command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000900	Failed in JogTcpToPoint command. (Control group1) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000901	Failed in JogTcpToPoint command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1000902	Failed in JogTcpToPoint command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1010100	Failed in MoveLinearAbsolute command. (Control group2) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010101	Failed in MoveLinearAbsolute command. (Control group2) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010102	Failed in MoveLinearAbsolute command. (Control group2) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010103	Failed in MoveLinearAbsolute command. (Control group2) Undefined speed unit has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010104	Failed in MoveLinearAbsolute command. (Control group2) Undefined rotational speed has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010105	Failed in MoveLinearAbsolute command. (Control group2) The blend factor is out of range.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010106	Failed in MoveLinearAbsolute command. (Control group2) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010107	Failed in MoveLinearAbsolute command. (Control group2) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010108	Failed in MoveLinearAbsolute command. (Control group2) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010109	Failed in MoveLinearAbsolute command. (Control group2) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010110	Failed in MoveLinearAbsolute command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010111	Failed in MoveLinearAbsolute command. (Control group2) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010112	Failed in MoveLinearAbsolute command. (Control group2) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010113	Failed in MoveLinearAbsolute command. (Control group2) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010200	Failed in MoveLinearRelative command. (Control group2) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010201	Failed in MoveLinearRelative command. (Control group2) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010202	Failed in MoveLinearRelative command. (Control group2) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1010203	Failed in MoveLinearRelative command. (Control group2) Undefined speed unit has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010204	Failed in MoveLinearRelative command. (Control group2) Undefined rotational speed has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010205	Failed in MoveLinearRelative command. (Control group2) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010206	Failed in MoveLinearRelative command. (Control group2) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010207	Failed in MoveLinearRelative command. (Control group2) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010208	Failed in MoveLinearRelative command. (Control group2) Incorrect number of position variable has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010209	Failed in MoveLinearRelative command. (Control group2) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010210	Failed in MoveLinearRelative command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010211	Failed in MoveLinearRelative command. (Control group2) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010212	Failed in MoveLinearRelative command. (Control group2) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010213	Failed in MoveLinearRelative command. (Control group2) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010300	Failed in MoveAxisAbsolute command. (Control group2) Undefined target position type has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010301	Failed in MoveAxisAbsolute command. (Control group2) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010302	Failed in MoveAxisAbsolute command. (Control group2) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010303	Failed in MoveAxisAbsolute command. (Control group2) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Input correct data.
			1010304	Failed in MoveAxisAbsolute command. (Control group2) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Input correct data.
			1010305	Failed in MoveAxisAbsolute command. (Control group2) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1010306	Failed in MoveAxisAbsolute command. (Control group2) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010307	Failed in MoveAxisAbsolute command. (Control group2) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010308	Failed in MoveAxisAbsolute command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010309	Failed in MoveAxisAbsolute command. (Control group2) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010310	Failed in MoveAxisAbsolute command. (Control group2) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010311	Failed in MoveAxisAbsolute command. (Control group2) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1010400	Failed in MoveAxisRelative command. (Control group2) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010401	Failed in MoveAxisRelative command. (Control group2) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010402	Failed in MoveAxisRelative command. (Control group2) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010403	Failed in MoveAxisRelative command. (Control group2) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010404	Failed in MoveAxisRelative command. (Control group2) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010405	Failed in MoveAxisRelative command. (Control group2) Incorrect number of user coordinate has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010406	Failed in MoveAxisRelative command. (Control group2) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010407	Failed in MoveAxisRelative command. (Control group2) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010408	Failed in MoveAxisRelative command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010409	Failed in MoveAxisRelative command. (Control group2) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010410	Failed in MoveAxisRelative command. (Control group2) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010411	Failed in MoveAxisRelative command. (Control group2) The deceleration is out of range.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010600	Failed in JogAxes command. (Control group2) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010601	Failed in JogAxes command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010700	Failed in JogTcp command. (Control group2) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010701	Failed in JogTcp command. (Control group2) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010702	Failed in JogTcp command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010800	Failed in JogAxesToPoint command. (Control group2) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010801	Failed in JogAxesToPoint command. (Control group2)	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010900	Failed in JogTopToPoint command. (Control group2) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1010901	Failed in JogTopToPoint command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020100	Failed in MoveLinearAbsolute command. (Control group3) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020101	Failed in MoveLinearAbsolute command. (Control group3) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020102	Failed in MoveLinearAbsolute command. (Control group3) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020103	Failed in MoveLinearAbsolute command. (Control group3) Undefined speed unit has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1020104	Failed in MoveLinearAbsolute command. (Control group3) Undefined rotational speed has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020105	Failed in MoveLinearAbsolute command. (Control group3) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020106	Failed in MoveLinearAbsolute command. (Control group3) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020107	Failed in MoveLinearAbsolute command. (Control group3) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020108	Failed in MoveLinearAbsolute command. (Control group3) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020109	Failed in MoveLinearAbsolute command. (Control group3) Incorrect value of frame shift has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020110	Failed in MoveLinearAbsolute command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020111	Failed in MoveLinearAbsolute command. (Control group3) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020112	Failed in MoveLinearAbsolute command. (Control group3) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020113	Failed in MoveLinearAbsolute command. (Control group3) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020200	Failed in MoveLinearRelative command. (Control group3) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020201	Failed in MoveLinearRelative command. (Control group3) Undefined coordinate system has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020202	Failed in MoveLinearRelative command. (Control group3) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020203	Failed in MoveLinearRelative command. (Control group3) Undefined speed unit has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020204	Failed in MoveLinearRelative command. (Control group3) Undefined rotational speed has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020205	Failed in MoveLinearRelative command. (Control group3) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020206	Failed in MoveLinearRelative command. (Control group3) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1020207	Failed in MoveLinearRelative command. (Control group3) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020208	Failed in MoveLinearRelative command. (Control group3) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020209	Failed in MoveLinearRelative command. (Control group3) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020210	Failed in MoveLinearRelative command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020211	Failed in MoveLinearRelative command. (Control group3) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020212	Failed in MoveLinearRelative command. (Control group3) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1020213	Failed in MoveLinearRelative command. (Control group3) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020300	Failed in MoveAxisAbsolute command. (Control group3) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020301	Failed in MoveAxisAbsolute command. (Control group3) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020302	Failed in MoveAxisAbsolute command. (Control group3) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020303	Failed in MoveAxisAbsolute command. (Control group3) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020304	Failed in MoveAxisAbsolute command. (Control group3) Undefined blend type has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020305	Failed in MoveAxisAbsolute command. (Control group3) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020306	Failed in MoveAxisAbsolute command. (Control group3) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020307	Failed in MoveAxisAbsolute command. (Control group3) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020308	Failed in MoveAxisAbsolute command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020309	Failed in MoveAxisAbsolute command. (Control group3) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020310	Failed in MoveAxisAbsolute command. (Control group3) The acceleration is out of range.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020311	Failed in MoveAxisAbsolute command. (Control group3) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020400	Failed in MoveAxisRelative command. (Control group3) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020401	Failed in MoveAxisRelative command. (Control group3) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020402	Failed in MoveAxisRelative command. (Control group3) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020403	Failed in MoveAxisRelative command. (Control group3) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1020404	Failed in MoveAxisRelative command. (Control group3) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020405	Failed in MoveAxisRelative command. (Control group3) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020406	Failed in MoveAxisRelative command. (Control group3) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020407	Failed in MoveAxisRelative command. (Control group3) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020408	Failed in MoveAxisRelative command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020409	Failed in MoveAxisRelative command. (Control group3) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1020410	Failed in MoveAxisRelative command. (Control group3) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020411	Failed in MoveAxisRelative command. (Control group3) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020600	Failed in JogAxes command. (Control group3) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020601	Failed in JogAxes command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020700	Failed in JogTcp command. (Control group3) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020701	Failed in JogTcp command. (Control group3) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020702	Failed in JogTcp command. (Control group3)	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020800	Failed in JogAxesToPoint command. (Control group3) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020801	Failed in JogAxesToPoint command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020900	Failed in JogTopToPoint command. (Control group3) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1020901	Failed in JogTopToPoint command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030100	Failed in MoveLinearAbsolute command. (Control group4) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030101	Failed in MoveLinearAbsolute command. (Control group4) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1030102	Failed in MoveLinearAbsolute command. (Control group4) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030103	Failed in MoveLinearAbsolute command. (Control group4) Undefined speed unit has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030104	Failed in MoveLinearAbsolute command. (Control group4) Undefined rotational speed has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030105	Failed in MoveLinearAbsolute command. (Control group4) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030106	Failed in MoveLinearAbsolute command. (Control group4) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030107	Failed in MoveLinearAbsolute command. (Control group4) Incorrect number of user coordinate has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030108	Failed in MoveLinearAbsolute command. (Control group4) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030109	Failed in MoveLinearAbsolute command. (Control group4) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030110	Failed in MoveLinearAbsolute command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030111	Failed in MoveLinearAbsolute command. (Control group4) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030112	Failed in MoveLinearAbsolute command. (Control group4) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030113	Failed in MoveLinearAbsolute command. (Control group4) The deceleration is out of range.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030200	Failed in MoveLinearRelative command. (Control group4) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030201	Failed in MoveLinearRelative command. (Control group4) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030202	Failed in MoveLinearRelative command. (Control group4) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030203	Failed in MoveLinearRelative command. (Control group4) Undefined speed unit has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030204	Failed in MoveLinearRelative command. (Control group4) Undefined rotational speed has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1030205	Failed in MoveLinearRelative command. (Control group4) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030206	Failed in MoveLinearRelative command. (Control group4) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030207	Failed in MoveLinearRelative command. (Control group4) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030208	Failed in MoveLinearRelative command. (Control group4) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030209	Failed in MoveLinearRelative command. (Control group4) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030210	Failed in MoveLinearRelative command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1030211	Failed in MoveLinearRelative command. (Control group4) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030212	Failed in MoveLinearRelative command. (Control group4) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030213	Failed in MoveLinearRelative command. (Control group4) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030300	Failed in MoveAxisAbsolute command. (Control group4) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030301	Failed in MoveAxisAbsolute command. (Control group4) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030302	Failed in MoveAxisAbsolute command. (Control group4) The speed is out of range.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030303	Failed in MoveAxisAbsolute command. (Control group4) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030304	Failed in MoveAxisAbsolute command. (Control group4) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030305	Failed in MoveAxisAbsolute command. (Control group4) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030306	Failed in MoveAxisAbsolute command. (Control group4) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030307	Failed in MoveAxisAbsolute command. (Control group4) Incorrect value of frame shift has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030308	Failed in MoveAxisAbsolute command. (Control group4)	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030309	Failed in MoveAxisAbsolute command. (Control group4) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030310	Failed in MoveAxisAbsolute command. (Control group4) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030311	Failed in MoveAxisAbsolute command. (Control group4) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030400	Failed in MoveAxisRelative command. (Control group4) Undefined target position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030401	Failed in MoveAxisRelative command. (Control group4) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1030402	Failed in MoveAxisRelative command. (Control group4) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030403	Failed in MoveAxisRelative command. (Control group4) The blend factor is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030404	Failed in MoveAxisRelative command. (Control group4) Undefined blend type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030405	Failed in MoveAxisRelative command. (Control group4) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030406	Failed in MoveAxisRelative command. (Control group4) Incorrect number of position variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030407	Failed in MoveAxisRelative command. (Control group4) Incorrect value of frame shift has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030408	Failed in MoveAxisRelative command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030409	Failed in MoveAxisRelative command. (Control group4) Incorrect parameter of +DOUT has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030410	Failed in MoveAxisRelative command. (Control group4) The acceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030411	Failed in MoveAxisRelative command. (Control group4) The deceleration is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030600	Failed in JogAxes command. (Control group4) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030601	Failed in JogAxes command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			1030700	Failed in JogTcp command. (Control group4) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030701	Failed in JogTcp command. (Control group4) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030702	Failed in JogTcp command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030800	Failed in JogAxesToPoint command. (Control group4) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030801	Failed in JogAxesToPoint command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030900	Failed in JogTcpToPoint command. (Control group4) The speed is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1030901	Failed in JogTcpToPoint command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000000	Failed in Config command. Incorrect command index has been set.	Setting error	Input correct data.
			2000001	Failed in Config command. Undefined Config command has been set.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Input correct data.
			2000002	Failed in Config command. The size of command buffer is out of range.	Setting error	Input correct data.
			2000100	Failed in GetModuleInfo command.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Input correct data.
			2000101	Failed in GetModuleInfo command. The number of step is out of range.	Setting error	Input correct data.
			2000102	Failed in GetModuleInfo command. The size of command buffer is out of range. (IP address)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000103	Failed in GetModuleInfo command. The size of command buffer is out of range. (MAC address)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000104	Failed in GetModuleInfo command. The size of command buffer is out of range. (Module type)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000105	Failed in GetModuleInfo command. The size of command buffer is out of range. (Version)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000200	Failed in GetProperties command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000201	Failed in GetProperties command. (Control group1) The number of step is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000202	Failed in GetProperties command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000300	Failed in SetToolProperties command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000301	Failed in SetToolProperties command. (Control group1) Invalid data of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000302	Failed in SetToolProperties command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000303	Failed in SetToolProperties command. (Control group1) Incorrect number of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000304	Failed in SetToolProperties command. (Control group1) Failed to write tool file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000400	Failed in SetUserFrame command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000401	Failed in SetUserFrame command. (Control group1) Invalid data of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000402	Failed in SetUserFrame command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000403	Failed in SetUserFrame command. (Control group1) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000404	Failed in SetUserFrame command. (Control group1) Failed to write user coordinate file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000405	Failed in SetUserFrame command. (Control group1) Failed to make user coordinate.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000406	Failed in SetUserFrame command. (Control group1) Failed to convert user coordinate.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000500	Failed in SetFrameShift command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000501	Failed in SetFrameShift command. (Control group1) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000502	Failed in SetFrameShift command. (Control group1) Failed to set frame shift.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000600	Failed in SetCubicZByCenterPoint command. (Control group1) Undefined IZ action has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000601	Failed in SetCubicZByCenterPoint command. (Control group1) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000602	Failed in SetCubicZByCenterPoint command. (Control group1) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000603	Failed in SetCubicZByCenterPoint command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000604	Failed in SetCubicZByCenterPoint command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000605	Failed in SetCubicZByCenterPoint command. (Control group1) Incorrect ID number has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000606	Failed in SetCubicZByCenterPoint command. (Control group1) Failed to write cube file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000700	Failed in SetCubicZByTwoCorners command. (Control group1) Undefined IZ action has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000701	Failed in SetCubicZByTwoCorners command. (Control group1) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000702	Failed in SetCubicZByTwoCorners command. (Control group1) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000703	Failed in SetCubicZByTwoCorners command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000704	Failed in SetCubicZByTwoCorners command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000705	Failed in SetCubicZByTwoCorners command. (Control group1) Incorrect ID number has been set.	Setting error	Input correct data.
			2000706	Failed in SetCubicZByTwoCorners command. (Control group1) Failed to write cube file.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000800	Failed in CoordinateTransform command. (Control group1)	Setting error	Input correct data.
			2000801	Failed in CoordinateTransform command. Incorrect number of control group has been set.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000802	Failed in CoordinateTransform command. (Control group1) Undefined transform type has been set.	Setting error	Input correct data.
			2000803	Failed in CoordinateTransform command. (Control group1) Failed to convert Axis coordinates to TCP coordinates.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000804	Failed in Coordinate Transform command. (Control group1) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000805	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP coordinates to Axis coordinates. Incorrect number of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000806	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000807	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in World frame to User frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000808	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in World frame to User frame. Failed to convert Input coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000809	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in World frame to User frame. Failed to convert User coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000810	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in World frame to User frame. Failed to create inverse matrix of user coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000811	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in World frame to User frame. Failed in multiplication of coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000812	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in World frame to User frame. Failed to convert Output coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000813	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in User frame to World frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000814	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in User frame to World frame. Failed to convert Input coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000815	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in User frame to World frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2000816	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in User frame to World frame. Failed in multiplication of coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000817	Failed in Coordinate Transform command. (Control group1) Failed to convert TCP in User frame to World frame. Failed to convert Output coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000900	Failed in ConveyorSyncStart command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000901	Failed in ConveyorSyncStart command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000902	Failed in ConveyorSyncStart command. (Control group1) Incorrect number of conveyor has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2000903	Failed in ConveyorSyncStart command. (Control group1)	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001000	Failed in ConveyorSyncStop command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001001	Failed in ConveyorSyncStop command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001002	Failed in ConveyorSyncStop command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001100	Failed in PositionVariableGet command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001101	Failed in PositionVariableGet command. (Control group1) The size of command buffer is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001102	Failed in PositionVariableGet command. (Control group1) Failed to read position variable file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2001103	Failed in PositionVariableGet command. (Control group1) Failed to convert Pulse coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001104	Failed in PositionVariableGet command. (Control group1) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001105	Failed in PositionVariableGet command. (Control group1) Failed to convert TCP coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001106	Failed in PositionVariableGet command. (Control group1) Failed to convert TCP in User frame to World frame.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001107	Failed in PositionVariableGet command. (Control group1) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2001108	Failed in PositionVariableGet command. (Control group1) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001200	Failed in PositionVariableSet command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001201	Failed in PositionVariableSet command. (Control group1) Undefined position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001202	Failed in PositionVariableSet command. (Control group1) Failed to write position variable file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001203	Failed in PositionVariableSet command. (Control group1) Failed to convert Axis coordinates to Pulse coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001204	Failed in PositionVariableSet command. Incorrect number of control group has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001300	Failed in SetBasePose command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001301	Failed in SetBasePose command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001302	Failed in SetBasePose command. (Control group1) Failed to write file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001303	Failed in SetBasePose command. You can not use this command for the robot of control group1.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001400	Failed in SetHomeOffsets command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001401	Failed in SetHomeOffsets command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2001402	Failed in SetHomeOffsets command. (Control group1) Failed to get current position of pulse type.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001403	Failed in SetHomeOffsets command. (Control group1) Failed to write file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001404	Failed in SetHomeOffsets command. (Control group1) Undefined offset type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001500	Failed in GetHomeOffsets command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001501	Failed in GetHomeOffsets command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001502	Failed in GetHomeOffsets command. (Control group1) Failed to get current position of pulse type.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2001503	Failed in GetHomeOffsets command. (Control group1) Failed to read file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001504	Failed in GetHomeOffsets command. (Control group1) Undefined offset type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001600	Failed in VarsGet command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001601	Failed in VarsGet command. (Control group1) Undefined variable type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001602	Failed in VarsGet command. (Control group1) Incorrect number of variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001603	Failed in VarsGet command. (Control group1) Incorrect number of getting has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2001700	Failed in VarsSet command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001701	Failed in VarsSet command. (Control group1) Undefined variable type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001702	Failed in VarsSet command. (Control group1) Incorrect number of variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001703	Failed in VarsSet command. (Control group1) Incorrect number of setting has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001800	Failed in WriteApplicationData command.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001801	Failed in WriteApplicationData command. Failed to write user frame file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001900	Failed in SetProperties command. (Control group1)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001901	Failed in SetProperties command. (Control group1) The number of step is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001902	Failed in SetProperties command. Incorrect number of control group has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2001903	Failed in SetProperties command. (Control group1) The axis index is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2002000	Failed in SetGlobalPrm command.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2002001	Failed in SetGlobalPrm command. Incorrect value of command type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2002002	Failed in SetGlobalPrm command. The speed override value is out of range.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010200	Failed in GetProperties command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010201	Failed in GetProperties command. (Control group2) The number of step is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010300	Failed in SetToolProperties command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010301	Failed in SetToolProperties command. (Control group2) Invalid data of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010303	Failed in SetToolProperties command. (Control group2) Incorrect number of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010304	Failed in SetToolProperties command. (Control group2) Failed to write tool file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2010400	Failed in SetUserFrame command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010401	Failed in SetUserFrame command. (Control group2) Invalid data of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010403	Failed in SetUserFrame command. (Control group2) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010404	Failed in SetUserFrame command. (Control group2) Failed to write user coordinate file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010405	Failed in SetUserFrame command. (Control group2) Failed to make user coordinate.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010406	Failed in SetUserFrame command. (Control group2) Failed to convert user coordinate.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2010501	Failed in SetFrameShift command. (Control group2) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010502	Failed in SetFrameShift command. (Control group2) Failed to set frame shift.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010600	Failed in SetCubicZByCenterPoint command. (Control group2) Undefined IZ action has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010601	Failed in SetCubicZByCenterPoint command. (Control group2) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010602	Failed in SetCubicZByCenterPoint command. (Control group2) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2010603	Failed in SetCubicZByCenterPoint command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010605	Failed in SetCubicZByCenterPoint command. (Control group2) Incorrect ID number has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010606	Failed in SetCubicZByCenterPoint command. (Control group2) Failed to write cube file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010700	Failed in SetCubicZByTwoCorners command. (Control group2) Undefined IZ action has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010701	Failed in SetCubicZByTwoCorners command. (Control group2) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2010702	Failed in SetCubicZByTwoCorners command. (Control group2) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010703	Failed in SetCubicZByTwoCorners command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010705	Failed in SetCubicZByTwoCorners command. (Control group2) Incorrect ID number has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010706	Failed in SetCubicZByTwoCorners command. (Control group2) Failed to write cube file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010800	Failed in CoordinateTransform command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010802	Failed in CoordinateTransform command. (Control group2) Undefined transform type has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010803	Failed in Coordinate Transform command. (Control group2) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010804	Failed in Coordinate Transform command. (Control group2) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010805	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP coordinates to Axis coordinates. Incorrect number of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010806	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2010807	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in World frame to User frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010808	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in World frame to User frame. Failed to convert input coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010809	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in World frame to User frame. Failed to convert User coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010810	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in World frame to User frame. Failed to create inverse matrix of user coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2010811	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in World frame to User frame. Failed in multiplication of coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010812	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in World frame to User frame. Failed to convert Output coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010813	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in User frame to World frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010814	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in User frame to World frame. Failed to convert Input coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2010815	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in User frame to World frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010816	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in User frame to World frame. Failed in multiplication of coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010817	Failed in Coordinate Transform command. (Control group2) Failed to convert TCP in User frame to World frame. Failed to convert Output coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010900	Failed in ConveyorSyncStart command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2010902	Failed in ConveyorSyncStart command. (Control group2) Incorrect number of conveyor has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2010903	Failed in ConveyorSyncStart command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011000	Failed in ConveyorSyncStop command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011002	Failed in ConveyorSyncStop command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011100	Failed in PositionVariableGet command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011101	Failed in PositionVariableGet command. (Control group2) The size of command buffer is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011102	Failed in PositionVariableGet command. (Control group2) Failed to read position variable file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011103	Failed in PositionVariableGet command. (Control group2) Failed to convert Pulse coordinates to Axis coordinates.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011104	Failed in PositionVariableGet command. (Control group2) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011105	Failed in PositionVariableGet command. (Control group2) Failed to convert TCP coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011106	Failed in PositionVariableGet command. (Control group2) Failed to convert TCP in User frame to World frame.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011107	Failed in PositionVariableGet command. (Control group2) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011108	Failed in PositionVariableGet command. (Control group2) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2011200	Failed in PositionVariableSet command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011201	Failed in PositionVariableSet command. (Control group2) Undefined position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011202	Failed in PositionVariableSet command. (Control group2) Failed to write position variable file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011203	Failed in PositionVariableSet command. (Control group2) Failed to convert Axis coordinates to Pulse coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011300	Failed in SetBasePose command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011302	Failed in SetBasePose command. (Control group2) Failed to write file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011400	Failed in SetHomeOffsets command. (Control group2)	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011402	Failed in SetHomeOffsets command. (Control group2) Failed to get current position of pulse type.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011403	Failed in SetHomeOffsets command. (Control group2) Failed to write file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011404	Failed in SetHomeOffsets command. (Control group2) Undefined offset type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011500	Failed in GetHomeOffsets command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011502	Failed in GetHomeOffsets command. (Control group2) Failed to get current position of pulse type.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011503	Failed in GetHomeOffsets command. (Control group2) Failed to read file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2011504	Failed in GetHomeOffsets command. (Control group2) Undefined offset type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011600	Failed in VarsGet command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011601	Failed in VarsGet command. (Control group2) Undefined variable type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011602	Failed in VarsGet command. (Control group2) Incorrect number of variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011603	Failed in VarsGet command. (Control group2) Incorrect number of getting has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011700	Failed in VarsSet command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2011701	Failed in VarsSet command. (Control group2) Undefined variable type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011702	Failed in VarsSet command. (Control group2) Incorrect number of variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011703	Failed in VarsSet command. (Control group2) Incorrect number of setting has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011900	Failed in SetProperties command. (Control group2)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011901	Failed in SetProperties command. (Control group2) The number of step is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2011903	Failed in SetProperties command. (Control group2) The axis index is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2020200	Failed in GetProperties command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020201	Failed in GetProperties command. (Control group3) The number of step is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020300	Failed in SetToolProperties command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020301	Failed in SetToolProperties command. (Control group3) Invalid data of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020303	Failed in SetToolProperties command. (Control group3) Incorrect number of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020304	Failed in SetToolProperties command. (Control group3) Failed to write tool file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020400	Failed in SetUserFrame command. (Control group3)	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020401	Failed in SetUserFrame command. (Control group3) Invalid data of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020403	Failed in SetUserFrame command. (Control group3) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020404	Failed in SetUserFrame command. (Control group3) Failed to write user coordinate file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020405	Failed in SetUserFrame command. (Control group3) Failed to make user coordinate.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020406	Failed in SetUserFrame command. (Control group3) Failed to convert user coordinate.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2020501	Failed in SetFrameShift command. (Control group3) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020502	Failed in SetFrameShift command. (Control group3) Failed to set frame shift.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020600	Failed in SetCubicZByCenterPoint command. (Control group3) Undefined IZ action has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020601	Failed in SetCubicZByCenterPoint command. (Control group3) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020602	Failed in SetCubicZByCenterPoint command. (Control group3) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2020603	Failed in SetCubicIZByCenterPoint command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020605	Failed in SetCubicIZByCenterPoint command. (Control group3) Incorrect ID number has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020606	Failed in SetCubicIZByCenterPoint command. (Control group3) Failed to write cube file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020700	Failed in SetCubicIZByTwoCorners command. (Control group3) Undefined IZ action has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020701	Failed in SetCubicIZByTwoCorners command. (Control group3) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2020702	Failed in SetCubicZByTwoCorners command. (Control group3) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020703	Failed in SetCubicZByTwoCorners command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020705	Failed in SetCubicZByTwoCorners command. (Control group3) Incorrect ID number has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020706	Failed in SetCubicZByTwoCorners command. (Control group3) Failed to write cube file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020800	Failed in Coordinate Transform command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020802	Failed in Coordinate Transform command. (Control group3) Undefined transform type has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020803	Failed in Coordinate Transform command. (Control group3) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020804	Failed in Coordinate Transform command. (Control group3) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020805	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP coordinates to Axis coordinates. Incorrect number of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020806	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2020807	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in World frame to User frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020808	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in World frame to User frame. Failed to convert Input coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020809	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in World frame to User frame. Failed to convert User coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020810	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in World frame to User frame. Failed to create inverse matrix of user coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2020811	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in World frame to User frame. Failed in multiplication of coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020812	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in World frame to User frame. Failed to convert Output coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020813	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in User frame to World frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020814	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in User frame to World frame. Failed to convert Input coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2020815	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in User frame to World frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020816	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in User frame to World frame. Failed in multiplication of coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020817	Failed in Coordinate Transform command. (Control group3) Failed to convert TCP in User frame to World frame. Failed to convert Output coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020900	Failed in ConveyorSyncStart command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2020902	Failed in ConveyorSyncStart command. (Control group3) Incorrect number of conveyor has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2020903	Failed in ConveyorSyncStart command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021000	Failed in ConveyorSyncStop command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021002	Failed in ConveyorSyncStop command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021100	Failed in PositionVariableGet command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021101	Failed in PositionVariableGet command. (Control group3) The size of command buffer is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021102	Failed in PositionVariableGet command. (Control group3) Failed to read position variable file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021103	Failed in PositionVariableGet command. (Control group3) Failed to convert Pulse coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021104	Failed in PositionVariableGet command. (Control group3) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021105	Failed in PositionVariableGet command. (Control group3) Failed to convert TCP coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021106	Failed in PositionVariableGet command. (Control group3) Failed to convert TCP in User frame to World frame.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021107	Failed in PositionVariableGet command. (Control group3) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021108	Failed in PositionVariableGet command. (Control group3) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2021200	Failed in PositionVariableSet command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021201	Failed in PositionVariableSet command. (Control group3) Undefined position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021202	Failed in PositionVariableSet command. (Control group3) Failed to write position variable file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021203	Failed in PositionVariableSet command. (Control group3) Failed to convert Axis coordinates to Pulse coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021300	Failed in SetBasePose command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021302	Failed in SetBasePose command. (Control group3) Failed to write file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021400	Failed in SetHomeOffsets command. (Control group3)	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021402	Failed in SetHomeOffsets command. (Control group3) Failed to get current position of pulse type.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021403	Failed in SetHomeOffsets command. (Control group3) Failed to write file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021404	Failed in SetHomeOffsets command. (Control group3) Undefined offset type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021500	Failed in GetHomeOffsets command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021502	Failed in GetHomeOffsets command. (Control group3) Failed to get current position of pulse type.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021503	Failed in GetHomeOffsets command. (Control group3) Failed to read file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2021504	Failed in GetHomeOffsets command. (Control group3) Undefined offset type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021600	Failed in VarsGet command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021601	Failed in VarsGet command. (Control group3) Undefined variable type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021602	Failed in VarsGet command. (Control group3) Incorrect number of variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021603	Failed in VarsGet command. (Control group3) Incorrect number of getting has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021700	Failed in VarsSet command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2021701	Failed in VarsSet command. (Control group3) Undefined variable type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021702	Failed in VarsSet command. (Control group3) Incorrect number of variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021703	Failed in VarsSet command. (Control group3) Incorrect number of setting has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021900	Failed in SetProperties command. (Control group3)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021901	Failed in SetProperties command. (Control group3) The number of step is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2021903	Failed in SetProperties command. (Control group3) The axis index is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2030200	Failed in GetProperties command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030201	Failed in GetProperties command. (Control group4) The number of step is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030300	Failed in SetToolProperties command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030301	Failed in SetToolProperties command. (Control group4) Invalid data of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030303	Failed in SetToolProperties command. (Control group4) Incorrect number of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030304	Failed in SetToolProperties command. (Control group4) Failed to write tool file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030400	Failed in SetUserFrame command. (Control group4)	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030401	Failed in SetUserFrame command. (Control group4) Invalid data of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030403	Failed in SetUserFrame command. (Control group4) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030404	Failed in SetUserFrame command. (Control group4) Failed to write user coordinate file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030405	Failed in SetUserFrame command. (Control group4) Failed to make user coordinate.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030406	Failed in SetUserFrame command. (Control group4) Failed to convert user coordinate.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2030501	Failed in SetFrameShift command. (Control group4) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030502	Failed in SetFrameShift command. (Control group4) Failed to set frame shift.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030600	Failed in SetCubicZByCenterPoint command. (Control group4) Undefined IZ action has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030601	Failed in SetCubicZByCenterPoint command. (Control group4) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030602	Failed in SetCubicZByCenterPoint command. (Control group4) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2030603	Failed in SetCubicZByCenterPoint command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030605	Failed in SetCubicZByCenterPoint command. (Control group4) Incorrect ID number has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030606	Failed in SetCubicZByCenterPoint command. (Control group4) Failed to write cube file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030700	Failed in SetCubicZByTwoCorners command. (Control group4) Undefined IZ action has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030701	Failed in SetCubicZByTwoCorners command. (Control group4) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2030702	Failed in SetCubicZByTwoCorners command. (Control group4) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030703	Failed in SetCubicZByTwoCorners command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030705	Failed in SetCubicZByTwoCorners command. (Control group4) Incorrect ID number has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030706	Failed in SetCubicZByTwoCorners command. (Control group4) Failed to write cube file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030800	Failed in Coordinate Transform command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030802	Failed in Coordinate Transform command. (Control group4) Undefined transform type has been set.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030803	Failed in Coordinate Transform command. (Control group4) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030804	Failed in Coordinate Transform command. (Control group4) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030805	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP coordinates to Axis coordinates. Incorrect number of tool has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030806	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2030807	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in World frame to User frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030808	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in World frame to User frame. Failed to convert input coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030809	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in World frame to User frame. Failed to convert User coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030810	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in World frame to User frame. Failed to create inverse matrix of user coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2030811	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in World frame to User frame. Failed in multiplication of coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030812	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in World frame to User frame. Failed to convert Output coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030813	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in User frame to World frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030814	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in User frame to World frame. Failed to convert Input coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2030815	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in User frame to World frame. Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030816	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in User frame to World frame. Failed in multiplication of coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030817	Failed in Coordinate Transform command. (Control group4) Failed to convert TCP in User frame to World frame. Failed to convert Output coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030900	Failed in ConveyorSyncStart command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2030902	Failed in ConveyorSyncStart command. (Control group4) Incorrect number of conveyor has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2030903	Failed in ConveyorSyncStart command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031000	Failed in ConveyorSyncStop command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031002	Failed in ConveyorSyncStop command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031100	Failed in PositionVariableGet command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031101	Failed in PositionVariableGet command. (Control group4) The size of command buffer is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031102	Failed in PositionVariableGet command. (Control group4) Failed to read position variable file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031103	Failed in PositionVariableGet command. (Control group4) Failed to convert Pulse coordinates to Axis coordinates.	Setting error	Input correct data.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031104	Failed in PositionVariableGet command. (Control group4) Failed to convert Axis coordinates to TCP coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031105	Failed in PositionVariableGet command. (Control group4) Failed to convert TCP coordinates to Axis coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031106	Failed in PositionVariableGet command. (Control group4) Failed to convert TCP in User frame to World frame.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031107	Failed in PositionVariableGet command. (Control group4) Undefined coordinate system has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031108	Failed in PositionVariableGet command. (Control group4) Incorrect number of user coordinate has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2031200	Failed in PositionVariableSet command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031201	Failed in PositionVariableSet command. (Control group4) Undefined position type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031202	Failed in PositionVariableSet command. (Control group4) Failed to write position variable file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031203	Failed in PositionVariableSet command. (Control group4) Failed to convert Axis coordinates to Pulse coordinates.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031300	Failed in SetBasePose command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031302	Failed in SetBasePose command. (Control group4) Failed to write file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031400	Failed in SetHomeOffsets command. (Control group4)	Setting error	Input correct data.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031402	Failed in SetHomeOffsets command. (Control group4) Failed to get current position of pulse type.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031403	Failed in SetHomeOffsets command. (Control group4) Failed to write file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031404	Failed in SetHomeOffsets command. (Control group4) Undefined offset type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031500	Failed in GetHomeOffsets command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031502	Failed in GetHomeOffsets command. (Control group4) Failed to get current position of pulse type.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031503	Failed in GetHomeOffsets command. (Control group4) Failed to read file.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2031504	Failed in GetHomeOffsets command. (Control group4) Undefined offset type has been set.	Setting error	Input correct data.
			2031600	Failed in VarsGet command. (Control group4)	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031601	Failed in VarsGet command. (Control group4) Undefined variable type has been set.	Setting error	Input correct data.
			2031602	Failed in VarsGet command. (Control group4) Incorrect number of variable has been set.	Setting error	Input correct data.
			2031603	Failed in VarsGet command. (Control group4) Incorrect number of getting has been set.	Setting error	Input correct data.
			2031700	Failed in VarsSet command. (Control group4)	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2031701	Failed in VarsSet command. (Control group4) Undefined variable type has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031702	Failed in VarsSet command. (Control group4) Incorrect number of variable has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031703	Failed in VarsSet command. (Control group4) Incorrect number of setting has been set.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031900	Failed in SetProperties command. (Control group4)	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031901	Failed in SetProperties command. (Control group4) The number of step is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2031903	Failed in SetProperties command. (Control group4) The axis index is out of range.	Setting error	Input correct data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4847	MotoLogix (CONNECTION ERROR)	Connection error of MotoLogix occurred.	1	Connection failed.	Connection retry timeout	(1)Check connector of the cable is inserted correctly. (2)Check the checksum value. If the checksum value is not correct, send data will be ignored. (3)Change limit time parameter(S2C[1381]). The unit is [sec]. If set to 0, limit time will be infinite. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Disconnected.	Communication timeout	(1)Check connector of the cable is inserted correctly. (2)Check the checksum value. If the checksum value is not correct, send data will be ignored (3)Change watchdog timer parameter(S2C[1380]). The unit is [msec]. If set to 0, watchdog timer will be default time.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Checksum value is incorrect.	Communication failure	Check the checksum value in send data.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4848	OVERCURRENT(SERVO)	This alarm occurs if a current exceeding the allowable maximum current is applied for amplifier. As a cause of the alarm, a ground fault in the U, V, or W wire, or a short circuit between these wires is suspected.		Sub Code: Signifies the axis in which the alarm occurred	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN501, CPS01-CN154 ·SDCA01-CN531, CN532, CN533 ·Inverter board-CN571, SDCA01-CN509 ·Converter-CN557 ·SDB(External axis SERVO PACK)-CN591,592
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the following cables. ·Manipulator cable ·Supply cable
					Module failure(amplifier)	(1)Reset the alarm. (2)If the alarm occurs again, replace the amplifier.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Module failure(motor)	(1)Reset the alarm. (2)If the alarm occurs again, replace the motor.
					Setting error	Check the parameter setting value.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4850	REGENERATIVE TROUBLE(SERVO2)	Disconnection of the regenerative resistor cable and failure of the regenerative transistor are suspected.			Connection failure	Check the connection of regenerative resistor cable.
					Overloading	Check that the load does not exceed the allowable limit.
					Module failure(SERVOPA CK)	(1)Reset the alarm. (2)If the alarm occurs again, replace the SERVOPACK.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4852	OVERVOLTAGE(SERVO2)	The SERVOPACK main circuit DC voltage is incorrect.			Voltage failure	Check the SERVOPACK Primary supply voltage.
					Setting error	Check the settings for manipulator motion condition (influence by external force, load condition).
					Module failure(SERVOPA CK)	(1)Reset the alarm. (2)If the alarm occurs again, replace the SERVOPACK.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4856	OVERLOAD(CONTINUE)(SERVO2)	The motor torque continuously exceeded the rated torque for a certain period.			Setting error	(1)Reset the alarm. (2)If the alarm occurs again, replace the SERVOPACK.
					Connection failure	Check the settings for manipulator motion condition (influence by external force, load condition).
					Module failure(SERVOPACK)	(1)Reset the alarm. (2)If the alarm occurs again, replace the SERVOPACK.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4866	OPEN PHASE(SERVO2)	Either of voltage to the SERVOPACK of the three phase input power supply has decreased.			Voltage failure	Modify the primary breaker voltage to the specified voltage 200V(+10%?15%).
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the contactor.
					Module failure(converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Module failure(SERVOPACK)	(1)Reset the alarm. (2)If the alarm occurs again, replace the SERVOPACK.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4878	SPEED CONTROL EXECUTE ERROR(SERVO)	Speed control could not be executed in the specified axis.			Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4880	EXCESSIVE FORCE DETECTION	Force control system detected the excessive external force.			Setting error	(1)Reset the alarm, and then check the direction of the external force looking at subcode(the direction is based on the sensor coordinate system),and operate robot to move in the direction releasing external force. (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure)
4881	EXCESSIVE VELOCITY CORRECTION	Force control system detected the excessive axis angular velocity correction.			Setting error	(1)Reset the alarm, and then make the reference force smaller or operate robot to move in the direction releasing external force. (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure)
4882	SINGULAR POINT ERROR	Force control system detected the singular posture.			Setting error	(1)Reset the alarm, and then modify the toughed robot posture avoiding singularity points. (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure)
4883	SENSOR OVER RANGE	Sensor output exceeded the range.		Sub Code; channel	Setting error	(1)Reset the alarm and decrease the motion speed in JOB. (2)If the alarm occurs again, save the CMOS.BIN in the maintenance mode and contact your YASKAWA representative about occurrence status (operating procedure).
4884	FORCE CONTROL NOT PERMITTED	YASKAWA force control function is unavailable.			Setting error	(1)Reset the alarm, and purchase the YASKAWA force control function. (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure)
4885	SENSOR OUTPUT ERROR	Sensor output remains unchanged.		Sub Code; channel	Sensor error	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN in the maintenance mode and contact your YASKAWA representative about occurrence status (operating procedure).
4886	FORCE CONTROL FILE ERROR	The robot of instruction does not match the robot of force control file.	1	The specified force control file is for other manipulator.	Setting error	Reset the alarm and check the force control file. The robot of instruction does not match the robot of force control file. Change the file number or the settings of force control file.
					Other	If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4887	FORCE CONTROL CONDITION ERROR	Setting error in executing force control occur.		Sub Code: wrong condition D0:tool number error D1:coordinate type error D2:singularity area error D3:inertia coefficient error D4:viscosity coefficient error D5:stiffness coefficient error D6:position limit error D7:velocity limit error D8:angular velocity limit error D9:angular velocity alarm error D10:contact stabilizing parameter error	Setting error	(1)Reset the alarm, and then modify the parameter in the referred motoplus application program. (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure)
4897	FORCE CONTROL INTERNAL ERROR	An error has occurred in MotoFit function.	32	Force control parameter error	Setting error	Reset the alarm and check the tags of the instruction.
					Other	If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).
			64	Excessive force detected	Setting error	(1)Reset the alarm and check the force sensor. Too large force has detected in force sensor. (2)If the alarm occurs again, save the CMOS.BIN in the maintenance mode and contact your YASKAWA representative about occurrence status (operating procedure).
			128	Overspeed	Setting error	Reset the alarm and decrease the motion speed in JOB.
					Other	If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).
			256	Singular point error	Setting error	Reset the alarm and check the posture of the robot. Change the JOB to avoid the singular point.
					Other	If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			512	Board / cable error	Sensor / Cable error	(1)Check the force sensor, the sensor board, and the cable of force sensor. (2)If the alarm occurs again, check the connection of sensor board to the controller. (3)If the alarm occurs again, save the CMOS.BIN in the maintenance mode and contact your YASKAWA representative about occurrence status (operating procedure).
4898	EXCESSIVE SEGMENT (SV)	Force control system detected the overspeed.			Setting error	(1)Reset the alarm, and then ease the velocity or check whether the posture is singular . (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure)
4899	EXCESSIVE SEGMENT(SAFETY 1) (SV)	Force control system detected the overspeed.			Setting error	(1)Reset the alarm, and then ease the velocity or check whether the posture is singular . (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure)
4900	EXCESSIVE SEGMENT(SAFETY 2) (SV)	Force control system detected the overspeed.			Setting error	(1)Reset the alarm, and then ease the velocity or check whether the posture is singular . (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure)
4901	CUBE/AXIS INTERFERENCE	The manipulator moved in the specified cubic area, or exceeded the maximum value or minimum value of the axis interference.		Sub Code: Group, axis, and interference area number	Setting error	Check the following settings. ·Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is out of interference area. ·Change the settings for interference area.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4902	CUBE INTERFERENCE(TCP)	The TCP of the manipulator has entered the cube interference area that was specified.		Sub Code: Group and interference area number	Setting error	Check the following settings. ·Change the step position where the alarm occurred to the area outside the interference area. ·Modify the interference area setting.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4903	CUBE INTERFERENCE(ENTIRE)	A part of the manipulator has entered the cube interference area that was specified.		Sub Code: Group, axis, and interference area number	Setting error	Check the following settings. ·Perform the teaching again to correct positions for manipulators so that the step where the alarm occurred is out of interference area. ·Change the settings for interference area.
4904	CUBE INTERFERENCE AREA SET ERR	Cube interference area setting is abnormal.	0	Maximum number of the cube interference area exceeds the allowable range.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). (1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The number of cube interference area whose monitoring part is "whole" exceeds the limit.	Setting error	Reduce the number of cube interference area whose monitoring part is "whole".
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Detect the cube whose interference area are extremely big or small.	Setting error	(1)Among the cube interference areas already values are entered, modify as follows. 1.Change the extremely big values to smaller ones. 2.Change the extremely small values to bigger ones. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Detect the cube interference area whose monitoring part is set to "whole" despite the invalid status of cube arm interference check function.	Setting error	(1)Reset the alarm. (2)If the alarm occurs just after loading the cube interference area setting function, execute the following measures. 1.Among the cube interference areas to be loaded, change the monitoring part setting from "whole" to "control point". 2.Load the modified cube interference area. 3.Confirm the settings if the alarm occurs again after the loading operation. (3)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4905	INSTRUCTION ERROR 1	SKCHK mode is not released normally.	1	Sub code: SKCHK mode release error	Software operation error occurred	(1)Reset the alarm and decrease the motion speed in JOB. (2)If the alarm occurs again, save the CMOS.BIN in the maintenance mode and contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4908	SPEED CONTROL ERROR	An error occurred at speed control execution.	1	Control group designation error.	Setting error	(1)Reset the alarm. (2)Check the settings for the specified control group number. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Speed control axis designation error.	Setting error	(1)Reset the alarm. (2)Check the settings for the specified speed control axis number.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Maximum rotation speed over.	Setting error	(1)Reset the alarm. (2)Set the rotation speed that does not exceed the maximum rotation speed.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4909	TEST RUN(HIGH ACCURACY) ERROR	The function which is not allowed in TEST RUN(HIGH ACCURACY) was performed.			Operation mistake	Select a sub menu [TEACHING CONDITION SETTING] under main menu [SETUP]. Set "TEST RUN CONTROL " to "NORMAL" to perform TEST RUN operation.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4911	SAFETY FIELDBUS NOT ESTABLISHED	Communication with the safety PLC was not established to the default time.	1	PROFIsafe communication was not established to the default time, or communication was disconnected after establishment.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·SF(Group Fault) LED, BF(Bus Fault) LED of CP1616 board is lit or blinking. ·SF(Group Fault) LED, BF(Bus Fault) LED of safety PLC board is lit or blinking. (3)If the above problems, there is a possibility that the connection settings of the safety PLC or CP1616 is not successful. Please set again according to the manual.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please re-power on the safety PLC and the robot controller.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the connection or insertion state of cables connected to the CP1616 board and safety PLC.
					CP1616 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the CP1616 board.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	CIP Safety communication was not established to the default time.(sub code is not defined)	Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please re-power on the safety PLC and the robot controller.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·In the case of EtherNet/IP Safety, please check the connection or insertion state of cables connected to the "CN5 connector of ACP01 board" and safety PLC. ·In the case of DeviceNet Safety, please check the connection or insertion state of cables connected to the SST-DN4-PCU(DeviceNet) board and safety PLC.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	CIP Safety communication was not established to the default time.(CIP Safety stack is under the Self-diagnosis)	Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please re-power on the safety PLC and the robot controller.

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·In the case of EtherNet/IP Safety, please check the connection or insertion state of cables connected to the "CN5 connector of ACP01 board" and safety PLC. ·In the case of DeviceNet Safety, please check the connection or insertion state of cables connected to the SST-DN4-PCU(DeviceNet) board and safety PLC.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	CIP Safety communication was not established to the default time.(Waiting for communication establish)	Software configuration error occurred	(1)Reset the alarm. (2)If the alarm occurs again, the connection setup of EtherNet/IP (CPU board) or safety PLC may not be performed normally. Please set up again according to a manual.
					Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please re-power on the safety PLC and the robot controller.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·In the case of EtherNet/IP Safety, please check the connection or insertion state of cables connected to the "CN5 connector of ACP01 board" and safety PLC. ·In the case of DeviceNet Safety, please check the connection or insertion state of cables connected to the SST-DN4-PCU(DeviceNet) board and safety PLC.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			13	CIP Safety communication was not established to the default time.(Exception generating under CIP Safety stack self-diagnosis)	Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please re-power on the safety PLC and the robot controller.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·In the case of EtherNet/IP Safety, please check the connection or insertion state of cables connected to the "CN5 connector of ACP01 board" and safety PLC. ·In the case of DeviceNet Safety, please check the connection or insertion state of cables connected to the SST-DN4-PCU(DeviceNet) board and safety PLC.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	CIP Safety communication was not established to the default time.(Abort of CIP Safety stack processing)	Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please re-power on the safety PLC and the robot controller.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·In the case of EtherNet/IP Safety, please check the connection or insertion state of cables connected to the "CN5 connector of ACP01 board" and safety PLC. ·In the case of DeviceNet Safety, please check the connection or insertion state of cables connected to the SST-DN4-PCU(DeviceNet) board and safety PLC.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			18	CIP Safety communication was not established to the default time. (Waiting for TUNID configuration)	Software configuration error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please carry out the following according to a manual. - In the case of EtherNet/IP Safety, set up TUNID (combination data of an IP address and Safety Network Number) using RSNetWorx for EtherNet/IP (setting tool by Rockwell). - In the case of DeviceNet Safety, set up TUNID (combination data of a MAC ID and Safety Network Number) using RSLogix5000 (setting tool by Rockwell).
					Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please re-power on the safety PLC and the robot controller.
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·In the case of EtherNet/IP Safety, please check the connection or insertion state of cables connected to the "CN5 connector of ACP01 board" and safety PLC. ·In the case of DeviceNet Safety, please check the connection or insertion state of cables connected to the SST-DN4-PCU(DeviceNet) board and safety PLC.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4912	SAFETY FIELDBUS COMM ERROR	An error occurred during communication with the safety PLC.	1	Value of F_Dest_Add do not match.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following F-Parameter settings. ·The value of F_Dest_Add that is set to the safety PLC and the CP1616 board are the same.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	Value of F_Dest_Add is out of range.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following F-Parameter settings. ·The value of F_Dest_Add that is set to the safety PLC and the CP1616 board is in the range of 1-65534.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Value of F_Src_Add is out of range.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following F-Parameter settings. ·The value of F_Src_Add that is set to the safety PLC is in the range of 1-65534.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Value of F_WD_Time is 0.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following F-Parameter settings. ·The value of F_WD_Time that is set to the safety PLC is 1 or more.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Value of F_SiL is invalid.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·When setting up the safety the PLC, whether imported into SIEMENS manufactured configuration tool(STEP 7) GSD file of CP1616 board we offer.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Value of F_Par_Version is invalid.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·When setting up the safety the PLC, whether imported into SIEMENS manufactured configuration tool(STEP 7) GSD file of CP1616 board we offer.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Value of F_CRC do not match.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·When setting up the safety the PLC, whether imported into SIEMENS manufactured configuration tool(STEP 7) GSD file of CP1616 board we offer.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	Setting the value of the F-Parameter is invalid.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·When setting up the safety the PLC, whether imported into SIEMENS manufactured configuration tool(STEP 7) GSD file of CP1616 board we offer.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	Size of F_CRC is invalid.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·When setting up the safety the PLC, whether imported into SIEMENS manufactured configuration tool(STEP 7) GSD file of CP1616 board we offer.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	Processing of safety field bus does not start.	Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please turn the power OFF then back ON.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	Communication error of safety field bus occurred.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the connection or insertion state of cables connected to the CP1616 board and safety PLC.
					Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please re-power on the safety PLC and the robot controller.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	Watchdog time error of safety field bus occurred.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the connection or insertion state of cables connected to the CP1616 board and safety PLC.
					Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, please re-power on the safety PLC and the robot controller.
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			32	Passivated state.	Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, you need to release the passivated state. Please release the passivated state by operating the safety program from SIEMENS manufactured configuration tool(STEP 7).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20000	A communication error(CH1) occurred at connection with the CIP safety A subcode shows the internal status of a CIP Safety stack.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·In the case of EtherNet/IP Safety, please check the connection or insertion state of cables connected to the "CN5 connector of ACP01 board" and safety PLC. ·In the case of DeviceNet Safety, please check the connection or insertion state of cables connected to the SST-DN4-PCU(DeviceNet) board and safety PLC.
					Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, you need to release the passivated state. Please release the passivated state by operating the safety program from SIEMENS manufactured configuration tool(STEP 7).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30000	A communication error(CH2) occurred at connection with the CIP safety A subcode shows the internal status of a CIP Safety stack.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, please check the following. ·In the case of EtherNet/IP Safety, please check the connection or insertion state of cables connected to the "CN5 connector of ACP01 board" and safety PLC. ·In the case of DeviceNet Safety, please check the connection or insertion state of cables connected to the SST-DN4-PCU(DeviceNet) board and safety PLC.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, you need to release the passivated state. Please release the passivated state by operating the safety program from SIEMENS manufactured configuration tool(STEP 7).
					ASF01 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the ASF01 board.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4913	SUB SEQUENCE TASK CONTR ERROR	An error occurred in job execution process of P-PLC program.	1	Unused A_BANK does not exist in the prereading processing of move instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Unused bank priority does not exist in the prereading processing of move instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	A_BANK pointer is not set.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	A_BANK conversion could not be performed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The specified A_BANK number does not exist.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			20	An error occurred when system number (MSS) was obtained.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	An error occurred in RMS960 system call.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	Undefined interrupt command was received.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			23	Job start condition is not defined.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	An error occurred in instruction prefetch queue operation.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	Intermediate code is not defined.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			29	Instruction prereading processing has not been completed normally.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	An error occurred in job data change.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	The specified sequence number at job execution start is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	The added area for interruption command is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	System number (MSS) for interruption command is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			38	An error occurred at start of twin synchronous operation.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			39	An error occurred when SYNC specification was reset.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			41	An error occurred in occupation control group setting in MOTION section.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			45	An error occurred in path/trace control.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			47	An error occurred when waiting for a completion of main system task (job) in SYNC specification.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			48	An attempt was made to execute an instruction that could not be executed at line sequence execution.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			49	An error occurred while obtaining the instruction information.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			80	An exceptional error occurred in job execution process.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			100	Main processing command is incorrect in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	Subprocessing command is incorrect in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			102	Prereading processing has not been completed at job execution.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	A_BANK conversion has not been completed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	System number (MSS) is incorrect in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			105	An error occurred in instruction prefetch queue operation in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			106	An error occurred at IES switching in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			108	An error occurred in prereading operation process.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			200	The specified sequence number is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			201	An attempt was made to execute an instruction that could not be executed in P-PLC program.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4914	SUB SEQUENCE(H) TASK CONTR ERROR	An error occurred in job execution process of PSTRIG instruction.	1	Unused A_BANK does not exist in the prereading processing of move instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Unused bank priority does not exist in the prereading processing of move instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	A_BANK pointer is not set.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	A_BANK conversion could not be performed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	The specified A_BANK number does not exist.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			20	An error occurred when system number (MSS) was obtained.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			21	An error occurred in RMS960 system call.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			22	Undefined interrupt command was received.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			23	Job start condition is not defined.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			24	An error occurred in instruction prefetch queue operation.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			26	Intermediate code is not defined.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			29	Instruction prereading processing has not been completed normally.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			30	An error occurred in job data change.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			31	The specified sequence number at job execution start is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			32	The added area for interruption command is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			33	System number (MSS) for interruption command is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			38	An error occurred at start of twin synchronous operation.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			39	An error occurred when SYNC specification was reset.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			41	An error occurred in occupation control group setting in MOTION section.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			45	An error occurred in path/trace control.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			47	An error occurred when waiting for a completion of main system task (job) in SYNC specification.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			48	An attempt was made to execute an instruction that could not be executed at line sequence execution.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			49	An error occurred while obtaining the instruction information.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			80	An exceptional error occurred in job execution process.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			100	Main processing command is incorrect in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			101	Subprocessing command is incorrect in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			102	Prereading processing has not been completed at job execution.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			103	A_BANK conversion has not been completed.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			104	System number (MSS) is incorrect in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			105	An error occurred in instruction prefetch queue operation in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			106	An error occurred at IES switching in prereading processing.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			210	An attempt was made to execute an instruction that could not be executed in sub sequence(H) task	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4915	PathSwitch CONTROL ERROR	An error occurred at PSTRIG instruction execution.	1	When PSTRIG instruction was executed, there was not PLCSTPON instruction or PLCSTPOF instruction.	Setting error	(1)Reset the alarm. (2)Check whether PLCSTPON instruction and PLCSTPOF instruction is registered.When unregistered, register PLCSTPON instruction and PLCSTPOF instruction.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	When PSTRIG instruction was executed, P-PLC instruction had not been executed.	Setting error	(1)Reset the alarm. (2)Check whether P-PLC instruction is registered.When unregistered, register P-PLC instruction. (3)When PSTRIG instruction is executed, check P-PLC instruction is whether it has been executed.If it is not running, please run PSTRIG instruction after P-PLC instruction execution.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			3	The number of PSTRIG instruction exceeds the limit in the PointPLC program.	Setting error	(1)Reset the alarm. (2)please reduce the number that can be set PSTRIG instruction.
			4	Delay control was not completed.	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	(1)Reset the alarm. (2)Please change the teaching to be able to delay control.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	PSTRIG instruction execution result is err.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	PSTRIG instruction execution result is err.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm is complicated, please check the contents and take a measure.
			7	PSTRIG instruction execution result is err.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			8	PSTRIG instruction execution result is err.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	PSTRIG instruction execution result is err.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm is complicated, please check the contents and take a measure.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	PSTRIG instruction execution result is err.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			15	The new PSTRIG was performed during PSTRIG execution.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4916	WRONG JOB EXEC OF DETACHED AXIS	The axes detachment has been set to the job control group axis to be operated.		Sub Code: Control group	Setting error	Check the following settings. · [OPTION FUNCTION] - [AXES DETACHMENT] settings in maintenance mode. Cancel the detachment axis setting of the job control group. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4917	WRONG JOB EXEC OF DETACHED AXIS	The axes detachment has been set to the job control group axis to be operated.		Sub Code: Control group	Setting error	Check the following settings. · [OPTION FUNCTION] - [AXES DETACHMENT] settings in maintenance mode. Cancel the detachment axis setting of the job control group. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4918	PROFINET SETTING ERROR	An error occurred in the start process of the CP1616 board.	16	Device name or IP address has not been set to CP1616 board connected with 1st PCI connector.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please carry out the following according to a manual. ·Set the device name and IP address to CP1616 board by using STEP 7 (setting tool by SIEMENS). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the CP1616 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				Device name or IP address has not been set to CP1616 board connected with 2nd PCI connector.	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, please carry out the following according to a manual. ·Set the device name and IP address to CP1616 board by using STEP 7 (setting tool by SIEMENS). (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the CP1616 board. If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
				Firmware version of CP1616 board connected with 1st PCI connector and driver software version does not match.	CP1616 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the CP1616 board.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					CP1616 board version failure	(1)Reset the alarm. (2)If the alarm occurs again, please request the update of CP1616 board firmware to your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			117	Firmware version of CP1616 board connected with 2nd PCI connector and driver software version does not match.	CP1616 board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the CP1616 board.
					CP1616 board version failure	(1)Reset the alarm. (2)If the alarm occurs again, please request the update of CP1616 board firmware to your YASKAWA representative.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4919	SYSTEM JOB(CYCLIC) EXEC. ERROR	An error occurred at the SYSTEM JOB(CYCLIC) execution.	1	Task ID error	Software operation error occurred	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	MSS ID error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	JOB handle error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	RMS error	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Job type is not SYSTEM JOB(CYCLIC/HIGH).	Setting error	Change the job type to "SYSTEM JOB(CYCLIC/HIGH)".
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	The intermediate code of the instruction that is to be executed is incorrect.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			7	The instruction cannot be executed in the SYSTEM JOB(CYCLIC/HIGH).	Setting error	Delete the instruction in which alarm occurred, because the instruction cannot be executed in the SYSTEM JOB(CYCLIC/HIGH).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			9	The reinterpretation of the instruction was ordered when executing the instruction.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			10	The SYSTEM JOB(CYCLIC/HIGH) was going to branch to the other job.	Setting error	Delete the instruction in which alarm occurred, because The SYSTEM JOB(CYCLIC/HIGH) cannot branch to the other job.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			11	The execution number of SYSTEM JOB(CYCLIC/HIGH) exceeded a limitation.	Setting error	Correct the job under the current limitation of execution number, because SYSTEM JOB(CYCLIC/HIGH) can no longer be executed.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			12	The execution of SYSTEM JOB(CYCLIC/HIGH) was not finished within a time limit.	Setting error	Reduce the number of items in the SYSTEM JOB(CYCLIC/HIGH).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			13	The SYSTEM JOB(CYCLIC/HIGH) was executed in the system being executed already.	Software operation error occurred	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			14	The execution number of items in the SYSTEM JOB(CYCLIC/HIGH) exceeded a limitation.	Setting error	Reduce the number of items in the SYSTEM JOB(CYCLIC/HIGH) within the limit number (Initial setting is 300).
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4920	M-SAF CONTACTOR SELF CHECK ERR	An error is detected by ASF01 board in self diagnosis process of contactor output signal to perform on a periodical basis.		The meaning of each sub code is as follows: CPU1 1?SFRON1 CPU1 2?SFRON2 CPU1 3?SFRON3 CPU1 4?SFRON4 CPU2 1?SFRON1 CPU2 2?SFRON2 CPU2 3?SFRON3 CPU2 4?SFRON4	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ASU03-CN222,CN223,CN224,CN225 ·APU01-CN604 ·Cable continuity between ASF01 board and APU unit.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4921	M-SAF STO SELF CHECK ERR	An error is detected by ASF01 board in self diagnosis process of STO signal to perform on a periodical basis.		The meaning of each sub code is as follows: CPU1 1?STO1 CPU1 2?STO2 CPU1 3?STO3 CPU1 4?STO4 CPU2 1?STO1 CPU2 2?STO2 CPU2 3?STO3 CPU2 4?STO4	ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. In a system where a plurality of SDCA01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4922	M-SAF GENERAL OUT SELF CHECK ERR	An error is detected by ASF01 board in self diagnosis process of general safety output signal to perform on a periodical basis.		The meaning of each sub code is as follows: CPU1 1?GSOUT1 CPU1 2?GSOUT2 CPU2 1?GSOUT1 CPU2 2?GSOUT2	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. -Cable continuity between ASF01 board and IM-YE250/5-80P terminal board.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4923	M-SAF GENERAL OUT SELF CHECK ERR2	An error is detected by ASF01 board in self diagnosis process of function safety general safety output signal to perform on a periodical basis.		The meaning of each sub code is as follows: D01?XOUT01 D02?XOUT02 D03?XOUT03 D04?XOUT04 D05?XOUT05 D06?XOUT06 D07?XOUT07 D08?XOUT08 D09?XOUT09 D10?XOUT10 D11?XOUT11 D12?XOUT12 D13?XOUT13 D14?XOUT14 D15?XOUT15 D16?XOUT16	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Cable continuity between ASF02 board and ASU03 unit, ASF02 board.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASF02 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF02 board. In a system where a plurality of ASF02 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4924	M-SAF CONTACTOR UNMATCH	Detected error by ASF01 board in self diagnosis process of contactor output signal.		The meaning of each sub code is as follows: CPU1 1?SFRON1 CPU1 2?SFRON2 CPU1 3?SFRON3 CPU1 4?SFRON4 CPU2 1?SFRON1 CPU2 2?SFRON2 CPU2 3?SFRON3 CPU2 4?SFRON4	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ASU03-CN222,CN223,CN224,CN225 ·APU-CN604 ·Cable continuity between ASF01 board and APU unit.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASF03 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					APU01 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the APU01 unit.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4925	M-SAF STO UNMATCH	Detected error by ASF01 board in self diagnosis process of STO signal.		The meaning of each sub code is as follows: CPU1 1?STO1 CPU1 2?STO2 CPU1 3?STO3 CPU1 4?STO4 CPU2 1?STO1 CPU2 2?STO2 CPU2 3?STO3 CPU2 4?STO4	ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDC-A01 board. In a system where a plurality of SDCA01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4926	M-SAF GENERAL OUTPUT UNMATCH	Detected error by ASF01 board in self diagnosis process of general safety output signal. (Machine safety signal)		The meaning of each sub code is as follows: CPU1 1?GSOUT1 CPU1 2?GSOUT2 CPU2 1?GSOUT1 CPU2 2?GSOUT2	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. · Cable continuity between ASF01 board and IM-YE250/5-80P terminal board.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					IM-YE250/5-80P terminal board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the IM-YE250/5-80P terminal board. In a system where a plurality of IM-YE250/5-80P terminal boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4927	M-SAF GENERAL OUTPUT UNMATCH2	Detected error by ASF02 board and ASU03 unit in self diagnosis process of general safety output signal. (Functional safety signal)		The meaning of each sub code is as follows: D01?XOUT01 D02?XOUT02 D03?XOUT03 D04?XOUT04 D05?XOUT05 D06?XOUT06 D07?XOUT07 D08?XOUT08 D09?XOUT09 D10?XOUT10 D11?XOUT11 D12?XOUT12 D13?XOUT13 D14?XOUT14 D15?XOUT15 D16?XOUT16	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. -Cable continuity between ASF01 board and ASF02 board, ASU03 unit.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASF02 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF02 board. In a system where a plurality of ASF02 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4928	M-SAF OUTPUT SIG. SELF CHECK ERR	An error is detected by ASF01 board in self diagnosis process of function safety output signal to perform on a periodical basis.		Subcode is the signal number that detected error.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Cable continuity between ASF01 board and ASF02 board, ASU03 unit.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASF02 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF02 board. In a system where a plurality of ASF02 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4929	M-SAF INPUT SIG. SELF CHECK ERR	An error is detected by ASF01 board in self diagnosis process of function safety input signal to perform on a periodical basis.		Subcode is the signal number that detected error.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Cable continuity between ASF01 board and ASF02 board, ASU03 unit.
					ASF01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF01 board. In a system where a plurality of ASF01 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.
					ASF02 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASF02 board. In a system where a plurality of ASF02 boards are connected, replace the board, which is connected to the signal on which the alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					ASU03 unit failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the ASU03 unit. In a system where a plurality of ASU03 units are connected, replace the board, which is connected to the signal on which the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4932	REFERENCE USER FRAME ERROR	An error occurred in reference user frame.	1	reference user frame not set	Setting error	(1)Reset the alarm. (2)Check the following settings. ·reference user frame
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	multiple reference user frame	Setting error	(1)Reset the alarm. (2)Check the following settings. ·reference user frame
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Incorrect control group designation	Setting error	(1)Reset the alarm. (2)Check the following settings. ·reference user frame
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4933	TIMING DELAY CONTROL IMPOSSIBLE	Failed in timing delay control	1	Timing delay control was impossible	Setting error	Check the following settings. ·please correct the job and be able to timing delay control.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Timing exchange control was impossible	Setting error	Please review a job so that an prohibited instruction does not enter between control object steps.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4934	MotoPlus APP. RESPONSE ERROR	MotoPlus application did not respond to the messages which were sent from the system software.	0	The message which was sent the last time has not been received.	Setting error	Turn the power OFF then back ON.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			1	The message which was sent when the NEXT/BACK/TEST operation was executed.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the following settings. · The MotoPlus application has been running. · The MotoPlus API mpSendEventAck() that responds to system software is called in the MotoPlus application.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	The message that was sent when the job was started.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the following settings. · The MotoPlus application has been running. · The MotoPlus API mpSendEventAck() that responds to system software is called in the MotoPlus application.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	The message which was sent from the pendant application.	Setting error	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the following settings. · The MotoPlus application has been running. · The MotoPlus API mpSendEventAck() that responds to system software is called in the MotoPlus application.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4935	PointPLC EXECUTE ERROR	An error occurred at execution of the PointPLC program.	1	TAG could not be executed on JUMP instruction in the PointPLC program.	Setting error	(1) Reset the alarm. (2) Delete the TAG of the JUMP instruction which cannot be executed in the PointPLC program.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

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Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			2	JUMP instruction or LABEL is wrong in the PointPLC program.	Setting error	(1)Reset the alarm. (2)Modify the JUMP instruction or LABEL in the PointPLC program. JUMP destination in the PointPLC program will need to be set in the PointPLC program. JUMP destination outside of PointPLC program will need to be set outside PointPLC program.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	TAG could not be executed on CLEAR instruction in the PointPLC program.	Setting error	(1)Reset the alarm. (2>Delete the TAG of the CLEAR instruction which cannot be executed in the PointPLC program.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	TAG could not be executed on CALL instruction in the PointPLC program.	Setting error	(1)Reset the alarm. (2>Delete the TAG of the CALL instruction which cannot be executed in the PointPLC program.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4936	LOCAL VARIABLE CONTROL ERROR	An error occurred in Local variable control.	1	Local variable is used in the PointPLC program.	Setting error	(1)Reset the alarm. (2)Modify the instruction that uses Local variable in the PointPLC program.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4937	TIMING ADJUSTMENT SETTING ERROR	Failed in control of the setting timing adjustment.	1	Adjustment setting is exceeds the control area of the advance or delay control.	Setting error	Correct the job so that adjustment setting is within the control area.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Timing advance control was impossible.	Setting error	Correct the job so that it does not across the instructions that can not be advance control.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Timing delay control was impossible.	Setting error	Correct the job so that it does not across the instructions that can not be delay control.

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4940	MOTION COMMAND CODE ERROR (SV)	Illegal command data (parameter) is received from MOTION section.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4941	CANNOT EXECUTE MOTION CMD (SV)	An optional function was commanded to be executed while another optional function was in execution.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4942	AVERAGING TIME CHANGE ERR (SV)	The request to change standardization time was sent without permission.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4943	AVERAGING TIME ERROR (SERVO)	The motor instruction standardization time is out of the allowable range.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4944	POSITION LOOP GAIN ERROR (SV)	The KP parameter input value is out of the allowable range.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4945	MOTION COMMAND DATA ERROR (SV)	No processing corresponds to the command code sent from MOTION section.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4946	PG POWER ON INCOMPLETE (SV)	An attempt was made to turn ON the servo while the encoder was not ready.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4947	SERVO ON MULTIPLE REQUEST (SV)	The request to turn ON the servo power supply again was sent to an axis where the servo's power was already ON.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4948	ENCODER ALARM (SERVO)	The servo ON command was executed while the encoder was in alarm status.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4949	GUN BEND MULTI CORRECT ERR (SV)	Request of gun bending correction to be executed while gun bending correction was in execution.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the settings for jobs.
					Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your YASKAWA representative about occurrence status (operating procedure).
4950	MOTOR GUN POS. DIFF. OVER (SV)	The deviation of the position was too large while the torque control, etc. by the motor gun was in execution.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	(1) Check the settings for jobs. (2) If this alarm occurs after the servo power cycling during work handling process under the condition where the Handling motion continue function is activated (S2C691=1), review the threshold value (S1CxG1080 -) as necessary.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4951	WRONG MOTOR GUN CHANGE AXIS (SV)	Gun change was executed except for gun axis.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the settings for jobs.
					Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4952	WRONG MOTOR GUN FILE NO. (SERVO)	Specified number of gun change exceeds the number of gun axes controlled with SV.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the settings for jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4953	ENCODER COUNTER DIFF. ERR(SV)	The difference value of the encoder exceeded the threshold value			Connection failure	(1)Reset the alarm (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·Robot axis? ·Cables between encoders ·SDCA01-CN508 ·External axis? ·Cables between encoders ·ADCA01-CN534,535,536
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4954	REALTIME STATUS S/R ERROR (SV)	An error occurred in real-time data transmission of SVSPOT Executing bit sent from MOTION.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4955	AVERAGING DATA ERROR (SERVO)	The illegal data are stored in the averaging buffer. (The lowest digit shows the axis No.)			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4956	AVERAGING SUM ERROR (SERVO)	The sum value in the averaging buffer is incorrect. (The lowest digit shows the axis No.)			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4957	AVERAGING STATUS ERR (SERVO)	The "empty" status of averaging buffer is incorrect. (The lowest digit shows the axis No.)			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4958	HIGH RESOLUTION PRM UNDEFINED(SV)	Overload detected parameter(a high resolution) was set to "0", though overload-related parameter flag is ON			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4959	WRONG GRP CHANGE AXIS (SERVO)	An uncontrolled axis was specified at group change instruction execution.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4960	BELT SNAP DETECT PRM ERROR (SV)	The observer and collision detection function are set disabled although the broken belt detection function is set enabled.			Setting error	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4961	SERIAL ENC OSCILL DETECTED (SV)	Vibration was detected in the serial encoder. (The lowest digit shows the axis No.)			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4962	BRAKE LOCK ERROR (SERVO)	The mechanical brake remains locked although the base block is released. (The lowest digit shows the axis No.)			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4963	BRAKE RELEASE ERROR (SERVO)	The mechanical brake is not locked although the base block turns ON. (The lowest digit shows the axis No.)			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4964	CONST.SPD MEASURE MULTI REQ (SV)	While the velocity torque sampling was in execution, another request of sampling was sent.			Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4965	DIN SIGNAL SPECIFIC. ERROR (SV)	DIN signals are used for plural function.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the settings for jobs.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4966	DB RESIST NOT INSTALLED(SV)	The DB resistor is not mounted on the amplifier.			Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·SDCA01-CN531, CN532, CN533
					DB resist board failure	(1)Reset the alarm. (2)The DB resist may be fired. Replace the DB resist.
					Module failure (converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4967	RATED CURRENT AND MAXIMUM CURRENT HIGH RESOLUTION PRM UNDEFINED(SERVO)	When the rating current and maximum current is zero, zero is set for the parameter of the rating current and the maximum current (high resolution).			Setting error	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4968	POSITIONING(DISTANCE) ERROR	An error occurred at Positioning (distance specification) execution.	1	Step end stopping timeout of Positioning(distance specification) was detected.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your Yaskawa representative about occurrence status (operating procedure).
			2	PL control is not allowed when Positioning(distance specification) is enabled.	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your Yaskawa representative about occurrence status (operating procedure).
			3	Arithmetic error occurred when calculating consideration of servo delay for the Positioning(distance specification).	Setting error	(1)Reset the alarm, and then try again. (2)If the alarm occurs again, save the CMOS.BIN in maintenance mode, and then contact your Yaskawa representative about occurrence status (operating procedure).
4969	CONVTR POWER ERR(FREQUENCY)(SV)	Frequency of primary power supply applied to the converter is incorrect.		Sub Code: Signifies the axis in which the alarm occurred	Primary power supply failure	Confirm that appropriate primary voltage is applied to the breaker. Prescribed voltage: 200V (+10% to 15%)

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·APU01-CN601, CN602, CN604 ·SDCA01-CN507 ·ASF01-CN205 ·Converter-CN551, CN561
					Module failure(converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4970	CONVTR POWER ERR(PHASE SEQ.)(SV)	The phase sequence of primary power applied to the converter is incorrect.		Sub Code: Signifies the axis in which the alarm occurred	Primary power supply failure	Confirm that appropriate primary voltage is applied to the breaker. Prescribed voltage: 200V (+10% to 15%)
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·APU01-CN601, CN602, CN604 ·SDCA01-CN507 ·ASF01-CN205 ·Converter-CN551, CN561
					Module failure(converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4971	CONVTR POWER ERR(PEAK)(SV)	Peak value of primary power for entered converter is incorrect.			Primary power supply failure	Confirm that appropriate primary voltage is applied to the breaker. Prescribed voltage: 200V (+10% to 15%)

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following cables and connectors. ·APU01-CN601, CN602, CN604 ·SDCA01-CN507 ·ASF01-CN205 ·Converter-CN551, CN561
					Module failure(converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4972	CONVTR REGENERATE OVERLOAD(SV)	The converter regenerative is overloaded.			Primary power supply failure	Check the primary voltage for the converter.
					Setting error	Check the following settings; ·Tool data ·JOB ·Workpiece ·JOB speed ·Acceleration and deceleration (ACC, DEC)
					Module failure(Regenerative resistor)	(1)Disconnect the converter CN557 to check if there is no cable disconnection. (2)If disconnected, replace the regenerative resistor.
					Module failure(converter)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4973	POSITION ERROR(COLLISION DETECT)	The position deviation reached the limit value after the manipulator stopped by the collision detection.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Confirm the following settings; · Tool information · Workpiece
4974	POSITION ERROR(START LIFT)	The moving volume when executing start lift reached the limit.		Sub Code: Signifies the axis in which the alarm occurred	Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4975	WRONG START LIFT AXIS(SERVO)	Incorrect axis is specified when executing start lift.		Sub Code: Signifies the axis in which the alarm occurred	Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4976	GUN SEARCH DETECT RANGE OVER	The distance between fixed gun tip and movable gun tip exceeded the allowable limit while executing correction operation in the GUN TEACH POSITION CORRECT Mode.		Sub Code: Signifies the axis in which the alarm occurred	Software operation error occurred	(1)Reset the alarm. (2)If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
					Setting error	Check the following settings. · Home position of gun axis. · "The pulse-stroke converter" in the gun condition file. · The value of the wear correction.
					Effect of external force	(1)Check that no objects exist between workpiece and gun. (2)Check the lost tip.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4977	GUN SEARCH POS ERROR	The detected position where the gun tip hits the welded target exceeded the allowable limit while executing correction operation in the GUN TEACH POSITION CORRECT Mode.		Sub Code: Signifies the axis in which the alarm occurred	Setting error	Check the following settings. · Home position of gun axis. · "The pulse-stroke converter" in the gun condition file. · The value of the wear correction for movable gun tip.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Effect of external force	(1)Check the amount of the gap between workpiece position and the teaching position. (2)Check the lost tip for movable gun.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4978	UNIV.IN/OUT SIGNAL BROKEN(SERVO)	Universal input/output cable between SDCA01 boards is broken or its connector is disconnected.	1	Universal input/output 1 between SDCA01 boards is broken.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ASF01-CN204 ·CNBX connector between SDCA01 and ASF01 (3)If the alarm occurs again, check if the cable is disconnected.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			2	Universal output 1 for SV#1 (SV#2) is inconsistent with Universal input 1 for SV#2(SV#1).	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ASF01-CN204 ·CNBX connector between SDCA01 and ASF01
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			3	Universal output 1 for SV#1 (SV#2) is inconsistent with Universal input 1 for SV#2(SV#1).	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ASF01-CN204 ·CNBX connector between SDCA01 and ASF01
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Universal input/output 2 between SDCA01 boards is broken or its connector (CN204) is disconnected.	Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. ·ASF01-CN204 ·CNBX connector between SDCA01 and ASF01
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
			5	Universal output 2 for SV#1 (SV#2) is inconsistent with Universal input 2 for SV#2(SV#1).	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. -ASF01-CN204 -CNBX connector between SDCA01 and ASF01
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Universal output 2 for SV#1 (SV#2) is inconsistent with Universal input 2 for SV#2(SV#1).	Setting error	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. -ASF01-CN204 -CNBX connector between SDCA01 and ASF01
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4980	DESTINATION PULSE LIMIT	The manipulator exceeded its motion limit (pulse limit) in the negative (-) direction and the positive (+) direction in the motion target position.			Setting error	Check the position setting for the step (move instruction) where the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4981	DEST PULSE MECHANICAL LIMIT	The manipulator exceeded its motion limit (mechanical limit) in the negative (-) and the positive (+) direction at the motion target point.			Setting error	Check the position setting for the step (move instruction) where the alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4982	DEST MECHANICAL INTRF	The manipulator link was interfered with the motion target position.			Setting error	Check the position setting for the step (move instruction) where the alarm occurred.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4983	DEST MECHANICAL INTRF	The manipulator link was interfered with the motion target position.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the position setting for the step (move instruction) where the alarm occurred.
4984	DESTINATION SELF-INTERFERENCE	The manipulator link was interfered with the motion target position.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the position setting for the step (move instruction) where the alarm occurred.
4985	TEACH LINE CORD JOG MOVE DISABLE	An error occurred when teach line cord jog move was in execution.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Correct the attitude of the tool and the ground are out of vertical, and execute teach line cord jog move.
4986	TEACH LINE CORD JOG MOV C DISABLE	An error occurred when teach line cord jog move was in execution.			Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Execute FWD/BWD/TEST RUN operation, and execute teach line cord jog move.
4987	WELD LINE CORD SHIFT MOV DISABLE	An error occurred when weld line coord shift was in execution.	1	IMPOSSIBLE MOTION(Y direction)	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Correct the teaching positions so that the attitude of the tool and the ground are out of vertical.
			2	Shifted position data could not be converted.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). The manipulator cannot move to the target shift position. Change shift volume or modify the teaching position.
			3	Failed to move to the shifted position.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). The manipulator cannot move to the shifted position. Correct the teaching positions so that the attitude of the tool and the ground are out of vertical.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			4	Failed to pass through the shifted position.	Setting error	The manipulator cannot pass through to the shifted position. Change the teaching position.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			5	Direction of travel error	Setting error	The manipulator cannot pass through to the direction of travel. Change the teaching position.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			6	Shift start interval same position error	Setting error	For shift start interval is same position, it can not shift. Change the teaching position.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			7	Shift start interval shortage error	Setting error	For shift start interval is short, it can not shift. Change the teaching position.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4988	WELD LINE COORD SHIFT DISABLE	An error occurred when weld line coord shift was in execution.	1	PREFLOW not executed	Setting error	(1)When executing weld line coordinate shift operation, start the JOB with one step before ARCON instruction. (2)When teaching the JOB for weldline coordinate shift operation, set the ARCON instruction in the JOB in which the weld line coordinate shift operation is to be performed. (Don't set ARCON instruction in the JOB which is target for CALL instruction without setting any weld start teaching point.) To use ARCON instruction without weld start point in the CALL destination JOB, disable the weld line coordinated shift function in the weld start condition file.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4989	DEFECTIVE OPERATION VELOCITY	Robot can not move in the working speed that is specified in the speed limit by the functional safety.		Sub Code: Control group	Setting error	Please do not take effect safety of the speed limit by the functional safety during the interval of ARCON.
4990	MOTION ERROR (SINGULAR POSTURE)	Cannot perform interpolation to the specified posture. It may occur when the interpolation to the target position where the manipulator cannot keep posture is performed.		Sub Code: Control group	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·Change the teaching orientation. ·Tube built-in wrist type models? When a flange is parallel to a XY plane of the robot coordinated system, teach the flange so that it is inclined more than 0.01 degrees.
4991	IO MODULE PROC OVERTIME	The procedure of the accessing to I/O module did not finish in the defined period.	16	The procedure of the accessing to I/O module which is connected with 1st PCI connector did not finish in the defined period.	Setting error	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the following settings. ·When SST-DN4 is used; maximum waiting time for accessible to PCI board ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode (1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board) (1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Connection failure	
					Board failure(I/O module)	
					AIF board failure	

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Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			17	The procedure of the accessing to I/O module which is connected with 2nd PCI connector did not finish in the defined period.	Setting error	Check the following settings. ·When SST-DN4 is used; maximum waiting time for accessible to PCI board ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					Board failure(I/O module)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)
					AIF board failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			18	The procedure of the accessing to I/O module which is connected with 3rd PCI connector did not finish in the defined period.	Setting error	Check the following settings. ·When SST-DN4 is used; maximum waiting time for accessible to PCI board ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode
					Connection failure	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					Board failure(I/O module)	(1)Turn the power OFF then back ON. (2)If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)

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Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					AIF board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
			19	The procedure of the accessing to I/O module which is connected with 4th PCI connector did not finish in the defined period.	Setting error	Check the following settings. ·When SST-DN4 is used; maximum waiting time for accessible to PCI board ·PCI slot number in which each PCI board is mounted ·I/O module settings in maintenance mode
					Connection failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, check the connection and insertion of the following connector. ·The PCI connector of the corresponding I/O module
					Board failure(I/O module)	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the following board. Save the CMOS.BIN before replace the board to be safe. ·The corresponding I/O module (PCI board)
					AIF board failure	(1) Turn the power OFF then back ON. (2) If the alarm occurs again, replace the AIF01 board. Save the CMOS.BIN before replace the board to be safe. Replace the AIF01 board, and then load the CMOS.BIN saved before alarm occurred.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4992	INTERNAL ROBOT POS.UNMATCH	Position data in the manipulator does not match home position data.		Sub Code: Signifies the axis in which the alarm occurred.	Setting error	Try (1) if the alarm occurs after replacing the robot, the controller or loading CMOS.BIN. Try (2) if this alarm occurs after replacing the motor. (1) In the MANAGEMENT MODE, select "HOME POSITION" under sub menu "ROBOT". Select the robot group page where the alarm occurs to select "CLEAR ROBOT DATA" under menu "DATA", then clear home position data. (2) In the MANAGEMENT MODE, select "HOME POSITION" under sub menu "ROBOT", and select the robot group page where the alarm occurs to select "RECORD TO ROBOT" under menu "DISPLAY", then write correct home position data in the robot.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4993	POWER REGENERATIVE OVERLOAD(CV)	POWER REGENERATIVE UNIT in converter is overloading.		Sub Code: Signifies the axis in which the alarm occurred.	Other Primary power failure	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure). Check the primary power supply voltage in converter.
					Setting error	Check the following settings; ·Tool data ·JOB ·Workpiece ·JOB speed ·Acceleration and deceleration (ACC, DEC)
					Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4994	CHOPPER OVERLOAD(CONVERTER)	Chopper circuit in converter is overloading.		Sub Code: Signifies the axis in which the alarm occurred.	Primary power failure	Check the primary power supply voltage in converter.
					Setting error	Check the following settings; ·Tool data ·JOB ·Workpiece ·JOB speed ·Acceleration and deceleration (ACC, DEC)
					Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
4995	RUSH LIMIT RESISTOR OVERLOAD(CONVERTER)	Rush limit resistor in converter is overloading.		Sub Code: Signifies the axis in which the alarm occurred.	Setting error	Check the following settings: .The number of SERVO ON in a certain time
					Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4996	FAN STOP(CONVERTER)	Fan in converter stopped.		Sub Code: Signifies the axis in which the alarm occurred.	Module failure (converter)	(1)Reset the alarm. (2)If the alarm occurs again, replace the converter.
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replace the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).
4999	ENCODER USER DATA SUM ERROR	This alarm occurs if there is an error of user data in the encoder memory.		Sub Code: Signifies the axis in which the alarm occurred	Module failure (encoder)	(1)Reset the alarm. (2)If the alarm occurs again, replace the encoder.

Alarm List
Alarm Number (4000 to 4999)

Alarm Number	Alarm Name/ Message	Contents	Sub Code	Contents Of Sub Code	Cause	Remedy
					Connection failure	(1)Reset the alarm. (2)If the alarm occurs again, check the connection and inserting state of the following cables and connectors. [Robot axis] ·Cable between encoders ·SDCA01-CN508 [External axis] ·Cable between encoders ·SDCA01-CN534, CN535, CN536
					SDCA01 board failure	(1)Reset the alarm. (2)If the alarm occurs again, replace the SDCA01 board. Save the CMOS.BIN before replacing the board to be safe.
					Other	If the alarm occurs again, save the CMOS.BIN, and then contact your YASKAWA representative about occurrence status (operating procedure).

YRC1000

ALARM CODES

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for ongoing product modifications and improvements.

YASKAWA

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