

Mitsubishi Electric AC Servo System

Sales and Service

No.16-07AE

Discontinuation of Using Caution Label (Direction of Diode Installed to Relay for Output Signals) on AC Servo Amplifiers

Thank you for your continued patronage of the Mitsubishi Electric AC servo system.
To reduce environmental loads, we will discontinue the use of caution labels (direction of the surge absorbing diode installed to the DC relay for control output signals, etc.) affixed to the front of the AC servo amplifiers of MR-J4-A(-RJ), MR-J4-B(-RJ), MR-J4W2-B, MR-J4W3-B, MR-JE-A, MR-JE-AS, MR-JE-B, and MR-JE-C. We ask for your understanding in this matter.

1. Target Models

MR-J4-A(-RJ), MR-J4-B(-RJ), MR-J4W2-B, MR-J4W3-B, MR-JE-A , MR-JE-AS, MR-JE-B, MR-JE-C

2. Details of the Change

The use of the following caution labels affixed to the servo amplifiers will be discontinued: direction of the surge absorbing diode installed to the DC relay for control output signals, wiring procedures of the regenerative resistor, and inputting incorrect power supply voltage.

* The contents of the caution label vary depending on the production location and the models. Refer to the table below for details.

Table 1. Discontinued caution labels

Production location	Models	Caution labels
Japan	MR-J4-A(-RJ), MR-J4-B(-RJ), MR-J4W2-B, MR-J4W3-B	
	MR-JE-A, MR-JE-B, MR-JE-C	
China	MR-J4-A, MR-J4-B	
	MR-JE-A, MR-JE-AS, MR-JE-B	

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3. Reason for the Discontinuation

To reduce environmental loads due to label production.

The cautions are given in the following chapters of AC Servo Amplifier Instruction Manuals for MR-J4 series and MR-JE series: "SIGNALS AND WIRING", "OPTIONS AND PERIPHERAL EQUIPMENT", and "Using the neutral point of a 3-phase 400 V AC class power supply for inputting a 1-phase 200 V AC class power supply".

Refer to the Instruction Manual before the following installation and wiring:

- When installing the surge absorbing diode to the DC relay for control output signals
- When removing the built-in regenerative resistor
- When using the neutral point of a 3-phase 400 V AC class power supply for inputting a 1-phase 200 V AC class power supply to the servo amplifier

4. Schedule

This change has been made sequentially from the May 2016 production.

There may be cases where both the former and new products exist in the distribution stage.

This change does not affect the functions and performance of the servo amplifiers.

Revision

Version	Date of issue	Revision
First edition	February 2016	Released discontinuation of using the caution label (direction of the surge absorbing diode installed to the DC relay for control output signals) for MR-J4 series.
A	January 2026	<ul style="list-style-type: none">▪ Added MR-JE series to the target models▪ Added illustrations of the caution labels for each production location.▪ Added discontinuation of using the following caution labels: wiring procedures of the regenerative resistor and inputting incorrect power supply voltage.