

Technical News

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RV-35FR/50FR/80FR Series Industrial Robots

Notice Regarding Change to Earth Leakage Circuit Breaker (ELCB) Equipped with the CR860-D/R/Q Robot Controller

■ Date of issue

July 2026

■ Applicable Models

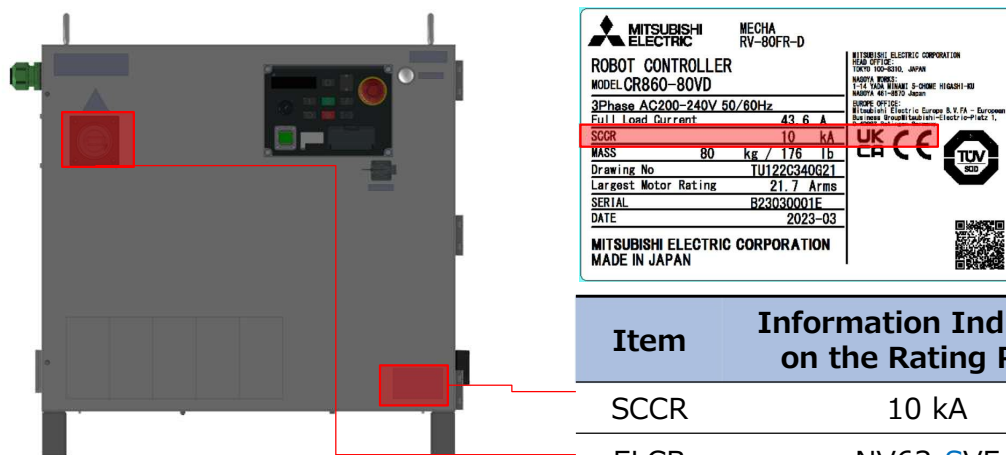
MELFA RV-35FR/50FR/80FR Series

We would like to express our sincere gratitude for your continued patronage of the Mitsubishi Electric industrial robot, MELFA.

A discrepancy has been found between the information indicated on the rating plate and the components actually installed in the CR860-D/R/Q robot controller. Therefore, the model of the Earth Leakage Circuit Breaker (ELCB) will be changed as described below.

1. Discrepancy Between the Information Indicated on the Rating Plate and the Installed Components

Although the rating plate lists the specification as SCCR: 10 kA, it has been determined that components with an SCCR rating of 7.5 kA are actually installed. (This applies to products sold from the start of sales in 2023 through those manufactured up to March 2026.) Since a fuse is installed inside the controller, there is no issue with safety performance in the event of a power supply short circuit.



Item	Information Indicated on the Rating Plate	Components Actually Installed
SCCR	10 kA	7.5 kA
ELCB	NV63-SVF	NV63-CVF

*Rated current and power consumption are specifications related to the device's usage and performance. This notice provides information regarding the SCCR specifications.

Rated Current (A) : An approximate measure of the current drawn when the device is in use.
 Power Consumption (kVA) : An approximate measure of the power required to operate the device.
 SCCR (kA) : A specification indicating the current the device can withstand in the event of a short circuit.

2. Details of the Changes

The model of the ELCB used for connecting the controller power cable will be changed.

1. Model change: Previous model: NV63-CVF; New model: NV63-SVF
2. Change timing: Products manufactured in or after April 2026

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