4. Installation

The extension power supply unit can be installed on a DIN44277 rail (35 mm (1.38") wide). (Cannot be installed directly in the enclosure.)

For Installation, refer to the following manual:
→ FX3UC Series User’s Manual - Hardware Edition
→ FX3UC-1PS-5V Series User’s Manual - Hardware Edition

5. Connection precautions

FX3UC-1PS-5V units are equipped with the connector for FX3UC/FX3U blocks, and the FX0N/FX2N/FX3U extension connector. However, it cannot be used for both simultaneously. Only one can be used.

For details on system configuration with the FX3UC/FX3U PLC, refer to the following manual.
→ FX3UC-1PS-5V Series User’s Manual - Hardware Edition

6. Wiring

6.1 Installation of the power cable

1) Turn off the power.
2) Pinch the connector of the power cable (FX3NC-100MCB) and insert it in the direction of the arrow.

6.2 Removal of the power cable

For removal of the power cable, refer to the following manual.
→ FX3UC Series User’s Manual - Hardware Edition
→ FX3UC-1PS-5V Series User’s Manual - Hardware Edition

Note: This symbol mark is for (China only).

Equipment category

• Roofing material, wall material, floor material, Overall system enclosure, and all parts thereof.

Exclusion of loss in opportunity and secondary loss from warranty liability

(1) Damages caused by any cause found not to be the responsibility of Mitsubishi.
(2) Loss in opportunity, lost profits incurred by the user of Mitsubishi products.
(3) Special damages and secondary damages whether foreseeable or not, compensation for accidents, and compensation for damages to products other than Mitsubishi products.
(4) Replacement by the user, maintenance of on-site equipment, start-up test run and other tasks.

This manual confers no industrial property rights or any rights of any other kind, nor does it confer any patent licenses. Mitsubishi Electric Corporation cannot be held responsible for any problems involving industrial property rights which may occur as a result of using the contents noted in this manual.

Warranty

Exclusions of losses in opportunity and secondary losses from warranty liability Regardless of the grant warranty, Mitsubishi shall not be liable for compensation to:
• Roofing material, wall material, floor material, Overall system enclosure, and all parts thereof.
• Special damages and secondary damages whether foreseeable or not, compensation for accidents, and compensation for damages to products other than Mitsubishi products.
• Replacement by the user, maintenance of on-site equipment, start-up test run and other tasks.

Note: This product has been manufactured as a general-purpose part for general industries, and has not been designed or manufactured to be incorporated in a device or system used in purposes related to human life.

Safety Precaution

This product is designed for use in industrial applications.

Caution

Do not hold the cover when connecting the connector to the extension power supply unit or vice versa.

Caution

Do not hold the cover when connecting the connector to the extension power supply unit or vice versa.

Caution

Failure to install the mounting bracket into the DIN rail may result in the product falling off the DIN rail.