1. Introduction

The FX3U-16CCL-M is a special function block which assigns a function to the Intelligent Device Station (IDS) of the FX3U Series. Use this function block as a single programming device when connected to a CPU module or a main unit.

For details, refer to the FX3U-16CCL-M User’s Manual.

1.1 Major Features of the FX3U-16CCL-M

- The FX3U-16CCL-M is a function block which assigns a function to the Intelligent Device Station (IDS) of the FX3U Series. Use this function block as a single programming device when connected to a CPU module or a main unit.

1.2 Incorporated Items

Check to ensure the following product items are included in the package:

- Power supply terminal block
- CC-Link connection terminal block
- Dust proof protection sheet
- Label for installation
- Installation manual
- Station number setting switch
- Station number setting switch

2. Connection with PLC

Only one FX3U-16CCL-M can be connected to the right side of a PLC main unit or extension module. If the PLC CPU contains dual CPUs, both CPUs must be connected simultaneously.

For details, refer to the FX3U-16CCL-M User’s Manual.

2.1 Connection with PLC

- Only one FX3U-16CCL-M can be connected to the right side of a PLC main unit or extension module. If the PLC CPU contains dual CPUs, both CPUs must be connected simultaneously.

2.2 Mounting

The product must be mounted in the following method.

- Mount the FX3U-16CCL-M on the PLC main unit or extension module with the screws provided.

For details, refer to the FX3U-16CCL-M User’s Manual.

3. Specification

For a complete list of specifications, refer to the following manuals:

- FX3U-16CCL-M User’s Manual
- FX3U Series PLC User’s Manual
- FX3C Series PLC User’s Manual
- FX3G Series PLC User’s Manual
- FX3GC Series User’s Manual
- MELSEC iQ-F FX5UC User’s Manual (Hardware)
- MELSEC iQ-F FX5UC Programming Manual

4. Power Supply Specifications

- For power supply requirements, refer to the FX3U-16CCL-M User’s Manual.
1. Introduction

The FX3U-16CCL-M is a special function block which realizes F-CC-Link compatible function. The FX3U-16CCL-M is connected to the PLC via a communication interface (communication mode, refer to the FX3U-16CCL-M User’s Manual).

1.1 Major Features of the FX3U-16CCL-M

- Supports F-CC-Link communications up to 10 m. Supports 2.00 and 1.10 communications.
- Supports CC-Link dedicated high-performance cable.
- Supports remote I/O stations and Intelligent device stations.
- The PLC supports F-CC-Link communications with 10 m of drop wires.
- Supports FX3U-16CCL-M communication mode (by FROM and TO instructions or direct specification of setting items).

1.2 Incorporated Items

Check to ensure the following product and items are included in the package:

- FX3U-16CCL-M
- Communication interface board (FX3U-16CCL-M/M34)
- Terminal cover (JY997D40101)
- 12 mm panel mount (JY997D40301)
- Top cover (JY997D40201)
- Communications connecting cable (09R724)
- Communications connecting screw (09R519)
- Mounting screw (09R518)
- Terminal cover screws (M3x10)
- Instruction manual

1.3 External Dimensions and Part Names

Refer to the FX3U-16CCL-M User’s Manual for the external dimensions and part names.

1.4 Power and status LEDs

Refer to the FX3U-16CCL-M User’s Manual for power and status LEDs of the FX3U-16CCL-M.

With FX3U-16CCL-M

- Power LED ((magenta) "ON"
- Communications LED (green) "ON"
- Communications LED (green) "OFF"

Without top cover

- Power LED (magenta) "ON"
- Communications LED (green) "OFF"

1.5 Terminal Layout

Refer to the FX3U-16CCL-M User’s Manual for the terminal layout of the FX3U-16CCL-M.

Note:

This symbol mark is for China only.

For further details, refer to the FX3U-16CCL-M User’s Manual.
Compliance with EC directive (CE Marking)
The company adheres with the official applicable standards and EU regulations. The EC number is 09R517.

1.1 Major Features of the FX3U-16CCL-M
- Industrial equipment that complies with the IEC 61131-2 standard
- 16 special function blocks in total
- 1,200 m maximum (varies depending on the type of connector) communication with PLC

2.1 Connection with PLC
*Only one FX3U-16CCL-M can be connected in a main unit.*

2.2 Mounting
The product is mounted in the following method.

3. Specification
*The table below is only for reference. It does not guarantee that an entire mechanical module produced in Japan will comply with the above standards.*

4. Power supply Specification
- Power supply current: 1 A
- Input voltage: 24 V DC

5. Performance Specification
- Input: 24 V DC
- Input current: 1 A

5.1 S2 error input
- 0.5 ms, 25% to 75% of 24 V DC

6. Communication with PLC
*For details, refer to the FX3U Series User's Manual (Hardware Edition).*