1. Outline

For the operation of the display module, refer to the PLC main unit manual.

2. 3.5 Connecting Extension Cable to Main Unit

2.1 Before Installation

2.1.1 Connecting to FX3U Series PLC

2.1.2 Connecting to FX3UC Series PLC

2.2 Panel Cut Dimension

2.3 Installation Precautions

3. Mounting to Control Panel (Cabinet)

4. Wiring

4.1 Wiring inside Control Panel

4.2 Wiring to PLC

5. Remove

5.1 Removing Display Module from Display Holder

6. Specification

6.1 Applicable PLC

6.2 Removing PLC Cover from PLC

6.3 Connecting to FX3U-7DM-HLD (-2PLC)

7. Caution on use

8. Notes on programme controller
1.1 Incorporated Items
Verify that the product and accessories shown below are included in the package.

- Extension cable
- Extension cable holder
- \( \frac{1}{2} \) inch (12 mm) hex wrench
- \( \frac{1}{4} \) inch (6 mm) hex wrench
- \( \frac{1}{2} \) inch (12 mm) nut
- Tightening test piece (2 pieces)
- Extension cable with ferrite core
- (Plastic) mounting bracket
- Display module fixing hook
- Display module fixing bracket
- (-2)
- FX3U-7DM
- FX3U-48M
- FX3U-64MT
- FX3U-4AD-16S
- FX3U-2DA-10S
- FX3U-2DA-16S
- FX3U-2DA-32S
- FX3U-2DA-64S

1.2 External Dimensions and Part Names

- PLC Cover
- Extension Cable
- Display module cover
- Display module fixing hook
- Display module fixing bracket
- (Plastic) mounting bracket
- Display module fixing hook
- Display module fixing bracket
- (-2)
- FX3U-7DM
- FX3U-48M
- FX3U-64MT
- FX3U-4AD-16S
- FX3U-2DA-10S
- FX3U-2DA-16S
- FX3U-2DA-32S
- FX3U-2DA-64S

2. Panel Cut Dimensions

- Unit: mm (inches)

3.5.2 Connecting to FX3UC-32MT-LT(-2) PLC

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).

3) Connect the female connector side (fig. C) to the display module fixing hook (fig. A) and insert the clip (fig. F).

4) Insert the sliding PLC (fig. G) into the PLC cover (fig. A) and secure it with a screwdriver (fig. I).

5) Tighten the screws (fig. H) with a \( \frac{1}{2} \) inch (12 mm) hex wrench (fig. J).

6) Pass the extension cable (fig. D) through the PLC cover (fig. A) and connect it to the PLC (fig. B).
1.1. Incorporated Items

Verify that the product and accessories shown below are included in the package.

- PLC cover
- Extension cable
- Display module
- Mounting bracket
- Panel cut medium
- Fixing screws
- Flat head screwdriver
- Tensioning test (3 pieces)
- Extension cable with ballonet (1 piece)
- Display module fixing hooks
- Mounting bracket (A)
- (B)
- (C)
- (D)
- (E)
- (F)
- (G)
- (H)
- (I)

1.2. External Dimensions and Part Names

- Display holder
- Extension cable guiding slit
- Display holder fixing hooks
- Mounting bracket
- Panel cut medium

2. Panel Cut Dimension

In addition to the dimensions shown, panel mounting brackets are specified by approximately 10 mm (0.39 in) for the height and ±1.0 mm (0.04 in) for the width.

2.1. Installation

3.5.2 Connecting to FX3U-32MT-LT(-2) PLC

3.4 Connecting Extension Cable to Display Holder

3) Connect the female connector side (fig. B) of the extension cable to the display module connector as shown in the right figure.

5) Remove the display module from the holder and install it to the display holder (fig. A) as shown in the right figure.

6) The display module mounting top cover*1 (fig. A) and extension cable guiding slit (fig. D) when operating and -25 to 75 °C (-4 to 158 °F) when stored

Effects of noise are likely to take influence of noise:

- Do not bundle the main circuit line together with or lay it close to the main circuit or high-voltage lines.
- As a guideline, lay the control line at least 100mm (3.94") or more away from the main circuit line.
- Otherwise, noise disturbance and/or surge induction are likely to take place.

4) Tilt the flat head screwdriver at the two Display module fixing hooks (fig. C) on the top and left until the display holder becomes level with the main unit (fig. F).

3) Tilt the flat head screwdriver at the two Display module fixing hooks (fig. C) on the top and left until the display holder becomes level with the main unit (fig. F).

1) Power off the PLC.

2) Inserting the display holder (fig. A) into the opening (fig. F) of the PLC

3) Tilt the flat head screwdriver at the two Display module fixing hooks (fig. C) on the top and left until the display holder becomes level with the main unit (fig. F).

2) Pushing the top cover hook (fig. A), while holding the display module fixing hooks (fig. A) up a little.

3) Tilt the flat head screwdriver at the two Display module fixing hooks (fig. C) on the top and left until the display holder becomes level with the main unit (fig. F).

1) Power off the PLC.

2) Inserting the display holder (fig. A) into the opening (fig. F) of the PLC

3) Tilt the flat head screwdriver at the two Display module fixing hooks (fig. C) on the top and left until the display holder becomes level with the main unit (fig. F).

2) Pushing the top cover hook (fig. A), while holding the display module fixing hooks (fig. A) up a little.

3) Tilt the flat head screwdriver at the two Display module fixing hooks (fig. C) on the top and left until the display holder becomes level with the main unit (fig. F).

2) Pushing the top cover hook (fig. A), while holding the display module fixing hooks (fig. A) up a little.

3) Tilt the flat head screwdriver at the two Display module fixing hooks (fig. C) on the top and left until the display holder becomes level with the main unit (fig. F).