FX3G-EEPROM-32L INSTALLATION MANUAL

1. Incorporated Items

- Product: FX3G-EEPROM-32L Memory cassette

<table>
<thead>
<tr>
<th>Included items</th>
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<tbody>
<tr>
<td>• M3 × 8 tapping screws for installation: 2 pcs. (Use them when fixing the memory cassette directly to the main unit.)</td>
</tr>
<tr>
<td>• M3 × 16 tapping screws for installation: 2 pcs. (Use them when using the memory cassette together with the expansion board/connector conversion adapter.)</td>
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<tr>
<td>• Side cover</td>
</tr>
<tr>
<td>• Installation Manual (This manual)</td>
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</tbody>
</table>

1.2 External Dimensions and Part Names

<table>
<thead>
<tr>
<th>Unit: mm (inches)</th>
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<tbody>
<tr>
<td>[1] RD key (Reading PLC to memory cassette)</td>
</tr>
<tr>
<td>[2] LED (Memory cassette securing screws or hole)</td>
</tr>
<tr>
<td>[3] WR key (Writing memory cassette to PLC)</td>
</tr>
<tr>
<td>[4] LED (Main unit connector)</td>
</tr>
<tr>
<td>[5] Memory cassette securing screws or hole</td>
</tr>
<tr>
<td>[6] PROTECT switch</td>
</tr>
<tr>
<td>[7] Detachment lever</td>
</tr>
</tbody>
</table>

| Mass (Weight) Approx. 20.0 (0.05 lbs) |

1.3 INSTALLATION PRECAUTIONS

- Use only the FX3G-EEPROM-32L loader function and sometimes connecting the memory cassette.

2. Installation

2.1 When Installing the Memory Cassette Directly to the Main Unit

- 1) Remove the top cover.
- 2) Attach the side cover.

Caution: Make sure the side cover is attached before attaching the memory cassette. It is not necessary to tighten the side cover when using only the loader function and sometimes connecting the memory cassette.

3) Raise memory cassette detachment lever.
4) Install the memory cassette on the main unit.

2.2 When Using the Memory Cassette Together with an Expansion Board/Connector Conversion Adapter

To attach the expansion board/connector conversion adapter, refer to the following manual:

2.3 Write to the PLC (32L → PLC)

- Required condition: The PLC must be powered on.
- 1) Attach the 32L to the PLC while the PLC power is on.
- 2) Turn on the power of the PLC. Press the WR key of the 32L. The WR LED lights up.
- 3) Press the WR key on the 32L. The WR LED flickers and the 32L starts to write.
- 4) When the program is finished, the LED is extinguished.

3. Load Function (Program Transfer Procedure)

The FX3G-EEPROM-32L loader function (WR and RD key) operation is explained in this section. (The FX3G-EEPROM-32L is abbreviated as “32L.”) The programmer is abbreviated as “PLC.”

- The loader function is enabled while the PLC is powered on.
- When using a display module with the memory cassette, the memory cassette's loader function cannot be used. Therefore use the display module to transfer the program.

For details, refer to the following manual:

4. Specifications

4.1 Applicable PLC

- FX3G Series PLC
  - Ver. 1.0 or later (from first production)

4.2 Specifications

Max. Memory Capacity: 32,000 steps (FX3S Series PLC can hold 16,000 steps of memory, but user program capacity is limited to 4,000 steps.)

Memory Type: EEPROM memory

Max. Allowable Write: 10,000 times

PROMTECT switch: Provided

5. Cautions on Handling

- For handling of the memory cassette, refer to the following manual:

- Make sure to turn the PLC power off before attaching or detaching the 32L.

- When using a display module with the memory cassette, the loader function cannot be used. Therefore use the display module to transfer the program.

- Only one memory cassette may be connected to the FX3G/FX3S Series PLCs main units.

For safe use

- 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 devices or systems related to human life.

- Before using the product, decide on a general-use power supply, nuclear power, electrical, aerospace, medicine or passenger vehicle movement, consult with Mitsubishi Electric Corporation.

- This product has been manufactured under strict quality control. However, when using the product under conditions that cause damages occur, if the product fails, install appropriate backup or failure functions in the system.

HEAD OFFICE : TOKYO BUILDING 2-7-3 MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

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