1.2 External Dimensions and Part Names

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[2]</td>
<td>“ESC” button</td>
<td>Use to cancel operation or return to previous screen.</td>
</tr>
<tr>
<td>[3]</td>
<td>“-” button</td>
<td>Use to move cursor or set the value.</td>
</tr>
<tr>
<td>[4]</td>
<td>“+” button</td>
<td>Use to move cursor or set the value.</td>
</tr>
<tr>
<td>[5]</td>
<td>“OK” button</td>
<td>Use to choose the item, set the value, etc.</td>
</tr>
<tr>
<td>[6]</td>
<td>Connector for main unit</td>
<td>Used to connect display module to main unit.</td>
</tr>
<tr>
<td>[7]</td>
<td>Display module fixing hook</td>
<td>Used to fix display module to main unit.</td>
</tr>
</tbody>
</table>

2. Installation

**Installation PRECAUTIONS**

- Make sure to cut off all phases of the power supply externally before attempting installation or wiring work. Failure to do so may cause electric shock or damage to the product.

**Installation PRECAUTIONS**

- Use the product within the generic environmental specifications described in PLC main unit manual (Hardware Edition). Never use the product in areas with excessive dust, oily smoke, conductive dusts, corrosive gas (salt air, Cu, H2S, SO2, or NOx), flammable gas, vibration or impact, or expose it to high temperature, condensation, or rain and wind. If the product is used in such conditions, electric shock, fire, malfunctions, deterioration or damage may occur.
- Do not touch the conductive parts of the product directly. Doing so may cause device failures or malfunctions.
- Connect the display module securely to their designated connectors. Loose connections may cause malfunctions.

2.1 When Installing the Memory Cassette Directly to the Main Unit

1) Remove the top cover (A in the figure on the right).
2) Make sure the display module (B in the figure on the right) is in parallel with the main unit and attach it to the optional equipment connector.

2.2 When Using the Memory Cassette Together with an Expansion Board

Assuming that the expansion board is attached to the main unit. The connector cover for the expansion board is removed.

1) Cut off the part A shown in the right figure (display module).
2) Make sure the display module is in parallel with the main unit and attach it to the optional equipment connector (B in the figure on the right).

Caution: Display module cannot attach to the top cover(S) side of a 40/60-point types main unit.

For details on installation and removal, refer to the following manual.


3. Specifications

- Do not disassemble or modify the PLC. Doing so may cause fire, equipment failures, or malfunctions.
- For repair, contact your local Mitsubishi Electric representative.
- Do not drop the product or exert strong impact to it. Doing so may cause damage.

**DISPOSAL PRECAUTIONS**

- Please contact a certified electronic waste disposal company for the environmentally safe recycling and disposal of your device.

**TRANSPORT AND STORAGE PRECAUTIONS**

- The product is a precision instrument. During transportation, avoid impacts larger than those specified in the general specifications by using dedicated packaging boxes and shock-absorbing palettes.
- After transportation, verify operation of the product and check for damage of the mounting part, etc.

3.1 Applicable PLC

Model name

<table>
<thead>
<tr>
<th>FX3G Series PLC</th>
<th>Ver. 1.10 or later</th>
</tr>
</thead>
</table>

- Only one display module can be used per main unit.

For details on the system configuration, refer to the following manual.


3.2 General Specifications

The general specifications are equivalent to the PLC main unit.

For general specifications, refer to the following manuals.


3.3 Display Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display device</td>
<td>STN monochrome liquid crystal display</td>
</tr>
<tr>
<td>Backlight</td>
<td>Green LED backlight</td>
</tr>
<tr>
<td>Number of letters</td>
<td>16 letters (half-width character) + 4 lines</td>
</tr>
<tr>
<td>Character</td>
<td>Alphabets, Numbers, Japanese character</td>
</tr>
<tr>
<td>Language for menus display</td>
<td>English/Japanese</td>
</tr>
<tr>
<td>Button</td>
<td>4 operation buttons (OK, ESC, +, -)</td>
</tr>
</tbody>
</table>

**Warranty**

Exclusion of loss in opportunity and secondary loss from warranty liability. Regardless of the grants warranty, Mitsubishi shall not be liable for compensation to:

1. Damages caused by any cause found not to be the responsibility of Mitsubishi.
2. Loss in opportunity, lost profits incurred by the user due to the failure 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-scope equipment, start-up test run and other tasks.

**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 purposes related to human life.
- Before using the product for special purposes such as nuclear power, electric power, aerospace, medicine or passenger movement vehicles, consult with Mitsubishi Electric Corporation.
- This product has been manufactured under strict quality control. However when installing the product where major accidents or losses could occur if the product fails, install appropriate backup or fail-safe functions in the system.