1.2 External Dimensions and Part Names

<table>
<thead>
<tr>
<th>Connector</th>
<th>Female</th>
<th>20 (0.15)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS-422</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hole of screw for the connector fixation (M2.6 (metric screw braided))

POWER Lamp (Green)

RS-232C Connector (D-Sub 25-pin female)

M ASS (Weight) Approx. 0.1 kg (0.22 lbs)

2. Specification

INSTALLATION PRECAUTIONS

- Use the product within the generic environment specifications described in PLC main unit manual (Hardware Edition).
- Never use the product in areas with excessive dust, oil, smoke, conductive dusts, corrosive gas (salt air, C6H6, SO2, or NO2), flammable gas, vibration or impacts, 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.

STARTUP AND MAINTENANCE PRECAUTIONS

- Do not disassemble or modify the PLC. Doing so may cause fire, equipment failures, or malfunctions.
- * For repair, contact your local Mitsubishi Electric distributor.
- Since the FX-232AWC-H case is made of resin, do not drop it or exert exert strong impact to it. Doing so may cause damage.

MASS (Weight) Approx. 0.1 kg (0.22 lbs)

3. System Configuration

The system configuration according to the connected equipment can be found in the manual of the PLC main unit, providing unit, programmable cam switch, or peripheral equipment.

4. Connecting Procedure

The procedure for connecting to peripheral equipment is shown.

1) Power off the PLC.
2) Remove the connector cover of the FX-232AWC-H.
3) Connect the cables to the connectors of the FX-232AWC-H. (For the selection of the cable, refer to the manual of the connected equipment.)
4) Fix the connector of the FX-232AWC-H and connect the cable with the fixing screws.
5) Verify that the PLC is connected.
6) Power ON the personal computer.
7) Make sure the POWER Lamp of the FX-232AWC-H is lit. (The POWER Lamp of the FX-232AWC-H lights when the power supply is normally supplied by the PLC.)
8) When the FX-232AWC-H is not in use, retash the connector cover to prevent dust from entering.

Power supply capacity of PLC

When the 5V DC power supply from PLC is normally supplied.

- The 5V DC power supply from PLC is normally supplied.
- The PLC is connected with the specified cable.
- Confirm whether the power supply is supplied to the PLC.
- POWER Lamp of PLC lights when the power supply is correctly supplied to the PLC.
- Confirm whether the 5V DC power supply capacity of PLC is sufficient.
- The PLC supplies 5V DC to the special function block.

State of POWER Lamp

- When the PLC has a configuration provided in the PLC.
- The PLC will not operate when a configuration exceeds the 5V DC capacity is used.

5. Troubleshooting

When it is necessary to install the FX-232AWC-H module in a shielded metal control panel. For more details please contact the local Mitsubishi Electric sales site.

Notes for compliance to the EMC regulation.

This product is designed for use in industrial applications.

For general specifications, refer to the manual of the PLC main unit.

Verification of the following product and items are included in the package:

- FX-232AWC-H type interface unit
- User’s Manual (this manual)

Note Concerning the CE Marking

The CE marking does not guarantee that an entire mechanical module produced in accordance with the contents of the notification comply with the following standards.

Compliance to EMC standards applies to the entire mechanical module which should be checked by the user / manufacturer.

- Standards with which this product complies

Type: Programmable Controller (Open Type Equipment)
Model: Products manufactured from July 1st, 2004

Electromagnetic Compatibility Standards (EMC)

EN55011-3:2007 Programmable controllers Equipment requirements and tests for immunity for industrial environments.


Compliance with all relevant aspects of the standard.

Mitsubishi Electric Corporation cannot be held responsible for any industrial property rights which may occur as a result of using the contents noted in this manual.

Note: This symbol mark is for China only.

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Effective August 2018

Specifications are subject to change without notice.

For product manuals or documents, consult with the Mitsubishi Electric dealer from whom you purchased your product.

For use in industrial applications.

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.

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