3. Wiring

3.1 Applicable Cable and Terminal Tightening Torque

3.1.1 Terminal block (European type)

For the products described below, use the cable and terminal tightening torque shown in the following table:

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>M4 Screw</th>
<th>M6 Screw</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25mm²</td>
<td>0.5N·m</td>
<td>1.4N·m</td>
</tr>
<tr>
<td>0.5mm²</td>
<td>0.7N·m</td>
<td>2.3N·m</td>
</tr>
</tbody>
</table>

4. Device allocation and program example

4.1 Device allocation

From the output of 2EYT-BD allocated a special auxiliary relay. The activation state of each output is reflected in its corresponding special auxiliary relay.

4.2 Program example

The special auxiliary relay is allocated to output DM and ON by program by PLC.

<table>
<thead>
<tr>
<th>Special Auxiliary Relay</th>
<th>Output DM</th>
<th>Output ON</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>DM1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

5. Specifications

5.1 Applicable PLC

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>FX3G</td>
<td></td>
</tr>
<tr>
<td>FX3U</td>
<td></td>
</tr>
</tbody>
</table>

5.2 General Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating voltage</td>
<td>5V to 30V DC</td>
</tr>
<tr>
<td>Load</td>
<td>0.5A/1 point</td>
</tr>
<tr>
<td>Rated power</td>
<td>12W/24V DC</td>
</tr>
</tbody>
</table>

6. Maintenance

6.1 Maintenance preconditions

- All necessary precautions should be taken when performing maintenance.
- Before performing maintenance, cut off all power sources of the power supply.
2. Installation

Install the PLC with care. Improper installation may cause excessive shock and cause damage to the product.

- Remove covers before the installation. After the installation, install the covers.
- Make sure to use the designated screws to secure the cover. When using a screwdriver, do not over-tighten.

3. Wiring

- Use only for the designated purpose. Improper wiring may cause malfunctions or electric shock.
- Wiring should be performed by qualified personnel.

4. Device allocation and program example

4.1 Device allocation

- I/O allocation
- M8117: +48 V DC, 1 A, 16 points
- M8117: +48 V AC, 2 A, 16 points

5.1 Applicable PLC

- FX3G

5.2 General Specifications

- Power supply
- Current: 6 A
- Voltage: 5.7 V DC

5.3 Performance Specifications

- Input/output ratings
- Input voltage: DC 24 V
- Output voltage: AC 50 Hz

6. Specifications

- Dimensions
- Width: 91.5 mm
- Height: 20.4 mm
- Depth: 98.1 mm

2. Installation

Install the PLC with care. Improper installation may cause excessive shock and cause damage to the product.

- Remove covers before the installation. After the installation, install the covers.
- Make sure to use the designated screws to secure the cover. When using a screwdriver, do not over-tighten.

3. Wiring

- Use only for the designated purpose. Improper wiring may cause malfunctions or electric shock.
- Wiring should be performed by qualified personnel.

4. Device allocation and program example

4.1 Device allocation

- I/O allocation
- M8117: +48 V DC, 1 A, 16 points
- M8117: +48 V AC, 2 A, 16 points

5.1 Applicable PLC

- FX3G

5.2 General Specifications

- Power supply
- Current: 6 A
- Voltage: 5.7 V DC

5.3 Performance Specifications

- Input/output ratings
- Input voltage: DC 24 V
- Output voltage: AC 50 Hz

6. Specifications

- Dimensions
- Width: 91.5 mm
- Height: 20.4 mm
- Depth: 98.1 mm
1. External Dimensions and Part Names

2. Installation

3. Wiring

4. Specifications

5. 1. Applicable Cable and Terminal Tensioning Torque

6.贮存条件：温度 0°C～40°C 湿度 5%～95%RH 不结露