SAFETY PRECAUTIONS

[Always read these precautions before using the equipment.] Before using this product, please read this manual and the relevant manuals introduced in this manual carefully and pay full attention to safety to handle the product correctly. The precautions given in this manual are concerned with this product alone. In this manual, the safety precautions are ranked as “DANGER” and “CAUTION.”

DANGER

- Indicates that incorrect handling may cause hazardous conditions, resulting in death or slight personal injury or physical damage.
- Indicates that incorrect handling may cause hazardous conditions, resulting in death or slight personal injury or physical damage.
- Indicates that incorrect handling may cause hazardous conditions, resulting in death or slight personal injury or physical damage.

CAUTION

- Indicates that incorrect handling may cause hazardous conditions, resulting in death or slight personal injury or physical damage.
- Indicates that incorrect handling may cause hazardous conditions, resulting in death or slight personal injury or physical damage.
- Indicates that incorrect handling may cause hazardous conditions, resulting in death or slight personal injury or physical damage.

Note that the DANGER level may lead to a serious accident according to the circumstances. Always follow the precautions of both levels because they are important to personal safety. Please save this manual to make it accessible when required and always forward it to the end user.

[BACKLIT REPLACEMENT PRECAUTIONS]

- Make sure to externally shut off all phases of GOT power supply. When Got is connected via the bus type connection, make sure to cut all phases of PLC CPU power supply as well and remove the Got from the control panel before backlight replacement. If all phases are not shut off, it may cause an electric shock. If backlight is replaced with the Got in the control panel, the Got may drop off, resulting in injuries.

- Make sure to wear gloves during backlight replacement. Failure to do so may cause injuries.

- Make sure to start the backlight replacement 5 or more minutes after power off of the Got Failure to do so may cause burns injuries as the old backlight holds heat for a while.

[STARTUP AND MAINTENANCE PRECAUTIONS]

- Before handling the Got, make sure to touch a grounded metal object to discharge the static electricity from the human body. Failure to do so may cause the Got to fail or malfunction.

1. Overview

This User’s Manual describes Model GT15-90XLTT backlight preservation equipped to the backlight. Refer to the GT15 User’s Manual for the applicable Got.

<table>
<thead>
<tr>
<th>Product name</th>
<th>Model number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Backlight</td>
<td>GT15-90XLTT</td>
<td>For G1595-X</td>
</tr>
</tbody>
</table>

2. Specifications

The performance specifications of the backlight are indicated below. Refer to the GT15 User’s Manual for the general specifications of the backlight.

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kind</td>
<td>Cold cathode tube back light</td>
</tr>
<tr>
<td>Life</td>
<td>50,000h (Operating ambient temperature: 25°C)</td>
</tr>
<tr>
<td>Weight</td>
<td>44g (Equivalent to the weight of two backlights)</td>
</tr>
</tbody>
</table>

3. Backlight Replacement

The GOT includes the backlight for liquid crystal display panel. Please note that the backlight intensity decreases in time.

The backlight replacement procedure is described below.

(1) Power off the Got.

(2) Disconnect the power supply cable and communication cable from the Got from the control panel.

(3) Remove the expansion unit cover on the right side of the Got.

(4) Remove the expansion unit, e.g. bus connection unit, if it is mounted.

(5) Pass the battery holder through the hole set in the upper part of the Got. (Expanded figure of part A in (5))

(6) Remove the GOT rear fixing screws (8 pcs.) with a screwdriver.

(7) Pull the upper backlight out through the hole for backlight replacement on the upper part of the Got. (Expanded figure of part A in (7))

(8) Pull the upper backlight out through the hole for backlight replacement on the upper part of the Got. (Expanded figure of part A in (8))

(9) Mount a new backlight in the reverse procedure of removal. When inserting a new backlight through the hole for backlight replacement of the Got main unit, take care not to damage the sheath of the cable. And push the backlight in securely until the projection part of the rubber holder is fixed. Also assemble the case in the reverse procedure of disassembly. Tighten the GOT rear fixing screws within the torque range of 0.36 to 0.48N•m.

 Manuals

The following shows manuals relevant to this product.

<table>
<thead>
<tr>
<th>Manual name</th>
<th>Manual number/Type code</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT15 user’s Manual</td>
<td>(Option) SH-080528ENG (1D7M23)</td>
</tr>
<tr>
<td>Relevant Manual</td>
<td>Refer to the PDF manual stored within the driving software used.</td>
</tr>
</tbody>
</table>

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Warranty

Mitsubishi will not be held liable for damage caused by factors not attributable to Mitsubishi, including natural disaster, mechanical damage, or faults caused by faults in the Mitsubishi products; damage, secondary damage, accident compensation caused by special factors unrelated to Mitsubishi; damages to products other than Mitsubishi products; and to other duties.

For safe use

- This product has been manufactured as a general-purpose product 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, aerospaces, medicine or passenger movement vehicles, consult with Mitsubishi.
- 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 failsafe functions in the system.

Specifications subject to change without notice.

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