Thank you for purchasing the MELSEC-GOT Series. To ensure correct use of this equipment, please carefully read this manual prior to use.

Managers Relevant Manual
For relevant manuals, refer to the PDF manual stored within the drawing software.

DANGER

Before changing the backlight, always turn the GOT power OFF (when using a GOT bus connection, also turn OFF the PLC CPU power) and remove the GOT main unit from the enclosure. Not switching the power off in all phases may cause an electric shock. Not removing the unit from the enclosure can cause injury due to a drop.

CAUTION

When replacing the backlight, use the gloves. Otherwise, it may cause you to be injured. If you should directly touch the plated area of the main unit case with hand, be sure to wipe off the fingerprint and so on, and install the main unit case. Otherwise, it may cause a trouble or malfunction. Start changing the backlight more than 5 minutes after switching the GOT power off. Not doing so can cause a burn due to the heat of the backlight.

DISPOSAL PRECAUTIONS

CAUTION

When disposing, treat this product as industrial waste.

1. OVERVIEW

This user’s manual explains the A9GT-50LT Type backlight (Referred to as backlight, hereafter). This backlight is a replacement backlight for the A950GOT, A951GOT, A953GOT, A956GOT.

2. PERFORMANCE

The table below lists the performance specifications of the back lights.

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable models</td>
<td>A950GOT-SBD/LBD(-M3), A951GOT-SBD/LBD(-M3), A953GOT-SBD/LBD(-M3), A950GOT-SBD/LBD(-M3)</td>
</tr>
<tr>
<td>Kind</td>
<td>Cold cathode tube backlight</td>
</tr>
<tr>
<td>Life [Hr]</td>
<td>40,000</td>
</tr>
</tbody>
</table>
In GOT, back lights are incorporated for the indicator LCD. These back lights lose the luminance as they are used. Replace the back lights if the luminance lowers further than that affects the performance of the indicator screen.

1) Turn off the GOT power supply. Remove the wire from the power terminal. Then remove the communications cable. Also remove the communication module when using the A956GOT.
2) Loosen the metal fitting on GOT to remove GOT from the cabinet.
3) Use a screw driver and remove two fastening screws on the back of GOT.
4) Remove the display unit cover on the back of the GOT.
5) Disconnect the backlight cable connector from the display unit connector.

3. HOW TO CHANGE THE BACKLIGHT FOR LIQUID CRYSTAL

36 to 48N·cm (3.7 to 4.9kgf·cm) (3.2 to 4.2lb·in)

a) The backlight will come off when a screwdriver is pressed into the hole on the side of the body.
b) Also remove the backlight.

6) Pull out the upper one of the back lights from the indicator.
7) To install new back lights, follow the procedure opposite to that of removing. Similarly, follow the opposite procedure for installing the indicator. Make sure to securely install the indicator and apply a torque within the specified range to the fastening screws for GOT.

Warranty
Mitsubishi will not be held liable for damage caused by factors found not to be the cause of Mitsubishi; machine damage or lost profits caused by faults in the Mitsubishi products; damage, secondary damage, accident compensation caused by special factors unpredictable by Mitsubishi; damages to products other than Mitsubishi products; and to other duties.

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.
- 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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