GT10-C10EXUSB-5S
Panel-mounted USB Port Extension

User’s Manual

Manual Number JY997D37601D
Date April 2018

Related Manuals

The following manuals are relevant to this product. When these loose manuals are required please consult with our local distributor.

<table>
<thead>
<tr>
<th>Manual name</th>
<th>Product Name</th>
<th>Quantity</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOT2000 Series User’s Manual</td>
<td>Hardware</td>
<td>1</td>
<td>Describes the GOT hardware-relevant content such as part names, external dimensions, mounting, power supply wiring, specifications, and introduction to option devices.</td>
</tr>
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<td>GT10 User’s Manual</td>
<td>Hardware</td>
<td>1</td>
<td>Describes the GT10 hardware-relevant content such as part names, external dimensions, mounting, wiring, specifications, and introduction to option devices. (old separately)</td>
</tr>
</tbody>
</table>

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 transport vehicles, consult with Mitsubishi Electric.

The 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.

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Safety Precaution

Read these precautions before using.

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. In this manual, the safety precautions are ranked as WARNING and CAUTION. Depending on circumstances, procedures indicated by CAUTION may be linked to serious results. In any case, it is important to follow the directions for usage.

Mounting Precautions

- Use the panel-mounted USB port extension in the environment that satisfies the general specifications described in this manual. Not doing so can cause an electric shock, fire, malfunction or product damage or deterioration.

Startup/Maintenance Precautions

- When unplugging the panel-mounted USB port extension connected to the unit, do not hold and pull the cable portion. Doing so can cause the unit or cable to be damaged or can cause a malfunction due to a cable connection fault.

Disposal Precautions

- When disposing of the product, handle it as industrial waste.

3. Specifications

3.1 General Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>0 to 50°C</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-20 to 60°C</td>
</tr>
<tr>
<td>Operating ambient humidity</td>
<td>10 to 90% RH, non-condensing (STN liquid crystal type to be stored at or below 35°C WBT)</td>
</tr>
<tr>
<td>Storage ambient humidity</td>
<td>10 to 90% RH, non-condensing (STN liquid crystal type to be stored at or below 35°C WBT)</td>
</tr>
<tr>
<td>Operating/storage atmosphere</td>
<td>Must be free of lamp black, corrosive gas, flammable gas, or excessive amount of electroeroductive dust particles and must not be exposed to direct sunlight. (during operation and storage)</td>
</tr>
<tr>
<td>Environmental protective structure</td>
<td>Equivalent to IP67 (JEM1030) (front section)</td>
</tr>
</tbody>
</table>

4. Installation

4.1 Installing panel-mounted USB port extension on panel surface

Install the panel-mounted USB port extension as shown below while paying attention to prevent bending and distortion of the cap, O-ring seal and nut.

- Insert the small USB plug provided at the tip of the panel-mounted USB port extension into the USB port in the GOT.
- Fix the panel-mounted USB port extension itself to a structure inside the board using Insulock, etc. because the small USB plug may become loose or come off due to vibration, impact or tensile force.
- Confirm at the start of work or during operation that this product is offering its function and performance normally, and then use this product.

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Warranty

Mitsubishi Electric Corporation
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