Thank you for buying the MELSEC-GOT Series.

Prior to use, please read both this manual and detailed manual thoroughly and familiarize yourself with the product.

SAFETY PRECAUTIONS

(Read these precautions prior to use.)

When using Mitsubishi equipment, thoroughly read this manual and the associated manuals that are introduced in this manual. Also, pay careful attention to safety and handle the module properly.

These precautions apply only to Mitsubishi equipment. Please refer to the relevant user's manuals for safety precautions pertaining to Mitsubishi programmable controller systems and Graphics Operation Terminal (abbreviated as GOT, hereafter).

The SAFETY PRECAUTIONS in this manual are classified into two categories: DANGER and CAUTION.

DANGER: Procedures which may lead to a dangerous condition and cause death or serious personal injury if not observed as directed.

CAUTION: Procedures which may lead to a dangerous condition and cause minor to medium personal injury or damage only to property, if not observed as directed.

CAUTION could also lead to serious results.

In any case, it is important to strictly observe the directions indicated with the above signs.

Keep this manual in a place which allows you to easily reach it whenever necessary. Please make sure that the end user of this equipment be provided with this manual.

DESIGN PRECAUTIONS

CAUTION

- Do not bundle control lines or communication wires together with main circuit or power lines, or lay them close to these lines. As a guide, separate the lines by a distance of at least 100 mm (3.94 inch) otherwise malfunctions may occur due to noise.

INSTALLATION PRECAUTIONS

DANGER

- Before mounting or dismounting this module to or from the GOT, always shut off GOT power externally in all phases. Not doing so can cause a module failure or malfunction.

- Before connecting the RS-232C cable to the module, always shut off GOT power and PC CPU power externally in all phases. Not doing so can cause a malfunction.

CAUTION

- Use this module in the environment given in the general specifications of the GOT User's Manual. Not doing so can cause an electric shock, fire, malfunction or product damage or deterioration.

- When installing this unit to the GOT, fit it to the connection interface of the GOT and tighten the mounting screws in the specified torque range. Undertightening can cause a drop, failure or malfunction. Over tightening can cause a drop, failure or malfunction due to GOT or screw damage.

[INSTALLATION PRECAUTIONS]

[DISPOSAL PRECAUTIONS]

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

TRANSPORTATION PRECAUTIONS

CAUTION

- When transporting lithium batteries, make sure to treat them based on the transport regulations. (Refer to Chapter 5 for details of the controlled models.)

This User's Manual describes the A9GT-RS2T type serial communication board with built-in clock (hereinafter, A9GT-RS2T).

The A9GT-RS2T is mounted on the A985GOT/A975GOT/A970GOT/A960GOT (hereinafter, GOT), allowing connection with a microcomputer, computer link unit or programmable logic controller, etc. using an RS-232C connector for peripheral devices.

Even if the microcomputer does not have a clock, by using the A9GT-RS2T, time, such as the alarm history display, can be displayed on the GOT.

GT Designer (SW1D5GOTRE-PACK J Version or later), or GT Designer2 Version1 00A or later is required when using A9GT-RS2T.

The A9GT-RS2T clock function is applicable for microcomputer connection only.

Related Manuals

- Manual Name | Manual Number (Type Code)
- A985GOT/A975GOT/A970GOT/A960GOT User's Manual(Available as option) | SH-4005 (1DM099)
- A9GT-RS2T Code 1DM135

* The RS-232C cable used with the A9GT-RS2T must be prepared by the user. Refer to the [GOT-A900 Series User's Manual (Connection System Manual)] for details on manufacturing the cable.

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4.2 Replacing the lithium battery

Replace the battery within ten minutes, or else the backed up clock data could be lost.

1) Inserting the battery
Face the + pole of the battery upward, and insert it into the battery holder at a 45° angle.
Press the battery in horizontally to complete the insertion.

2) Removing the battery

When removing the battery, insert a finger or bar-shaped object between the battery holder and battery. While lifting up the battery, place it on the battery stopper on the side, and then remove it.

5. Transportation Precautions

When transporting lithium batteries, make sure to treat them based on the transport regulations.

5.1 Controlled Models

The batteries for the A9GT-RS2T are classified as follows:

<table>
<thead>
<tr>
<th>Product name</th>
<th>Model</th>
<th>Product status</th>
<th>Classification for transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A9GT-RS2T</td>
<td></td>
<td>Non-dangerous goods</td>
</tr>
</tbody>
</table>

5.2 Transport Guidelines

Comply with IATA Dangerous Goods Regulations, IMDG code and the local transport regulations when transporting products after unpacking or repackaging, while Mitsubishi ships products with packages to comply with the transport regulations.

Also, contact the transporters.

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 back-up or failsafe functions in the system.

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