Before using this product, please read this manual and the relevant manuals thoroughly to fully understand the product.

For product installation, refer to the PDF manuals stored in the DVD-ROM for the drawing software used.

3. PART NAMES AND EXTERNAL DIMENSIONS

4. INSTALLATION PROCEDURE

The installation procedure for the option function board is explained using the GT15:

1) Power off the GOT.
2) Remove the extension unit cover on the left side of the GOT.
3) Insert the option function board into the extension unit.
4) Push down the option function board until it clicks.
5) After the installation of option function board, attach the extension unit cover.

Compliance with the EMC and Low Voltage Directives

To comply with the system meeting the requirements of the EMC and Low Voltage Directives when incorporating the Mitsubishi GOT (EMC and Low Voltage Directive compliances) into other machinery, refer to the User's Manual for the GOT used in this system. The CE mark indicating compliance with the EMC and Low Voltage Directives is printed on the rating plate of the GOT.

User's Manual

Thank you for purchasing the GT1000 Series.

Prior to use, please read both this manual and detailed manual thoroughly to fully understand the product.

Model Code

GT15-FNB
GT15-QFN
GT15-QFNB16M
GT15-QFNB32M
GT15-QFNB48M
GT15-MESB48M
GT15-FNB48M

Model

GT15-CFNB
GT15-QFNB16M
GT15-QFNB32M
GT15-QFNB48M
GT15-MESB48M

Functions

Applicable for Melsec-QnA/FX ladder monitor function, multi-channel function
Applicable for Melsec-QnA/FX ladder monitor function, multichannel function, MES interface function

Packaging List

The following items are included:

Item

Model

GT15-FNB

GT15-QFNB

GT15-QFNB16M

GT15-QFNB32M

GT15-QFNB48M

GT15-MESB48M

Quantity

1

1

1

1

1

1

Manual for the GOT used.

Manual number: SH14S83200M (1072E11)

User's Manual

GT15 User's Manual

[INSTALLATION PRECAUTIONS]

DANGER

Before removing or attaching this unit to or from the GOT, always shut off the GOT power externally, in all phases. Failing to do so can cause a unit failure or malfunction.

When assuming this unit, wear earth belt, etc. to avoid static electricity which can cause a unit destruction.

CAUTION

Use this module in the environment that satisfies the general specifications described in the User's Manual for the GOT used in this system. Failure to do so may cause a unit or peripheral failure.

When installing this unit, wear earth belt, etc. to avoid static electricity which can cause a unit destruction.

[STARTUP AND MAINTENANCE PRECAUTIONS]

DANGER

Do not disassemble or modify any unit.

This will cause failure, malfunction, injuries, or fire.

Do not touch the conductive areas and electronic parts of this unit directly.

Doing so can cause a unit failure or malfunction.

Always make sure to touch the grounded metal to discharge the static electricity which can cause a unit destruction.

[DISPOSAL PRECAUTIONS]

CAUTION

Do dispose of this product as industrial waste.

[TRANSPORTATION PRECAUTIONS]

CAUTION

Make sure to transport the GOT main unit and/or related units in the manner they will not be exposed to the impact exceeding the limits specified in the specifications of the User's Manual for the GOT used in this system.

Failure to do so may cause the unit to fail.

Check if the unit operates correctly after transportation.

The performance specifications of the option function board are indicated below.

(1) GT15-FNB

<table>
<thead>
<tr>
<th>Specification</th>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory capacity</td>
<td>GOT memory capacity after installation</td>
<td>96MB</td>
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(2) GT15-QFNB

<table>
<thead>
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<th>Specification</th>
<th>Item</th>
<th>Quantity</th>
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<tbody>
<tr>
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<td>GOT memory capacity after installation</td>
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</table>

GT15 User's Manual

Printed in Japan, October 2016.

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1. OVERVIEW

This User's Manual describes the GT15 option function board option function board with add-on memory (hereinafter referred to as the option function board). Installation of the option function board increases functions. Reference to the User's Manual for the GOT used for the applicable GOT.

Refer to GT Designer2 Version 5 Screen Design Manual for details.

Model

GT15-FNB

GT15-QFNB

GT15-QFNB16M

GT15-QFNB32M

GT15-QFNB48M

GT15-MESB48M

Specifications

(1) GT15-FNB

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(2) GT15-QFNB

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</tr>
</thead>
<tbody>
<tr>
<td>Memory capacity</td>
<td>GOT memory capacity after installation</td>
</tr>
</tbody>
</table>

2. SPECIFICATIONS

The specifications of the option function board are indicated below.

Voltage Directives, is printed on the rating plate of the GOT.

The CE mark, indicating compliance with the EMC and Low Voltage Directives, is printed on the rating plate of the GOT.

For the general specifications of the GOT, refer to the User's Manual for the GOT used.

[SAFETY PRECAUTIONS]

Always read these precautions before using this equipment.

Before using this product, please read this manual and the relevant manuals introduced in this manual carefully and pay full attention to safely handle the product correctly.

The precautions given in this manual are concerned with this product only. If you require any other safety precautions, please refer to the relevant manuals introduced in this manual carefully.

In this manual, the safety precautions are ranked as "DANGER" and "CAUTION".

Always follow the precautions of a higher level than the one you are currently following.

Note that the DANGER level may lead to a serious accident according to the circumstances.

Always follow the precautions of a higher level than the one you are currently following 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.

Mitsubishi Electric will not hold liable for damage caused by factors found not to be the cause of Mitsubishi’s machine damage or lost profits caused by faults in the Mitsubishi products; damage, secondary damage, accident compensation caused by special factors, and product damage or lost profits caused by Mitsubishi; machine damage or lost profits caused by 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 life safety.
- Before using the product for special purposes such as nuclear power electric power, aerospace, medical 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 fail-safe functions in the system.