MITSUBISHI

A8GT-STN/EL-BOX-EU
EMC Box

JUM-703

Mitsubishi Graphics Operation Terminal
User's Manual

Thank you for choosing the Mitsubishi General Purpose PC MELSEC-GOT series . To ensure correct use of this equipment, please read this manual carefully before operating it.

IB(NA)-66703-A (9607) MEE

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Related Manuals

The following manuals are available for this equipment. Refer to the table given below to choose suitable manuals.

Related Manual

Manual Name	Manual No. (Type Code)
Model A870GOT Graphic Operation Terminal EMC Specification Compatible Product Addition Instruction Manual (Packaged with the A870GOTEMC specification compatible product)	IB-66699 (13J861)
Model A870GOT Graphic Operation Terminal User's Manual (Packaged with the A870GOTEMC specification compatible product)	IB-66628 (13J830)
Model A8GT-STN/EL-BOX-EU EMC Box User's Manual (Packaged with the EMC Box)	IB-66703 (13J865)

Model Name	A8GT-BOX-EU-U-E
Model Name Code	13J865

● Precautions Regarding Safety ●

(Please read carefully before using your equipment)

When using this product, please read the manuals that are supplied with each of the products, as well as any related manuals available as supplementary manuals. Make sure careful attention is paid to safety, and that the equipment is handled correctly.

These precaution items only apply to this product. For information regarding safety information for the PC system and Graphics Operation Terminal, please refer to the user's manual for each module.

In this manual, safety precautions concerning more hazardous items are labeled "DANGER", and those concerning more general safety items are labeled "CAUTION".

⚠ **DANGER :** Improper handling could cause hazardous conditions resulting in severe injury or death.

⚠ **CAUTION :** Improper handling could cause hazardous conditions resulting in moderate or light injury, or in physical damage.

Items marked with an exclamation point in a triangle ⚠ could also cause severe consequences, depending on the circumstances, if not handled properly. They indicate information that should be taken seriously and observed conscientiously.

Manuals supplied with the products should be stored carefully where they can be accessed whenever necessary, and should always be passed on to the end user along with the equipment.

1. Introduction

This manual explains the installation and external dimensions of the model A8GT-STN-BOX-EU/A8GT-EL-BOX EMC Box (Hereafter called EMC Box). The EMC Box is an EMC specifications compatible product and is a box to make the A870GOT, communication module, and Power Supply Module mentioned hereafter into EMC specification compatible products.

A8GT-70GOT-EW-EU A8GT-70GOT-EB-EU

A8GT-70GOT-SW-EU A8GT-70GOT-SB-EU

(Hereafter abbreviated as GOT.)

Point

If a system is configured differently from that described in this manual it will not comply with EMC specifications, so be sure to follow the instructions given in this manual and configure the system using the EMC Box and other MELSEC-GOT series components.
The instructions in this manual do not guarantee that all of the equipment configured with MELSEC-GOT series components, including other electrical components, will comply with EMC specifications.
To check if all the equipment complies with EMC specifications, consult with the manufacturers who produced the equipment.

2. Handling and Installation Methods

(1) Handling

⚠ CAUTION

- Use this module within the general specification environment described in the GOT User's Manual.

  If this module is used outside of the general specification environment, electric shock, fire, malfunction, or damage or degradation to this equipment could result.
- Install the EMC Box in the panel by firmly tightening the screws. If the screws are loose the EMC Box could fall off causing damage and problems with the equipment and taking the system out hot of compliance with EMC specifications.
- The EMC Box will get hot after the power is turned on to the GOT, but this will not cause a problem with GOT performance.
- When disposing of this product treat it as industrial waste.

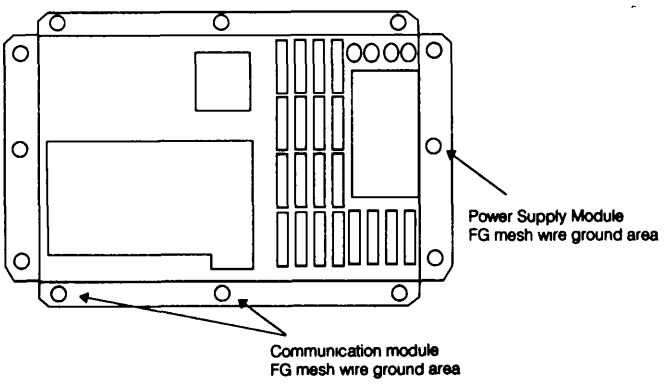
(2) Installation Method

① Conduct the processing to install the GOT in the panel.
Refer to the GOT User's Manual for information regarding the panel cut dimensions for installing the GOT in the panel.
For information regarding the installation holes for installing the EMC Box refer to the external dimensions diagram.

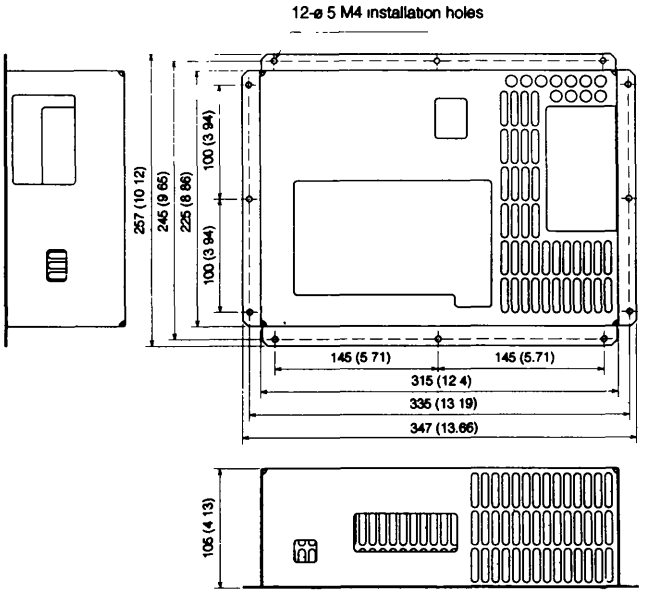
② Perform the work to install the EMC Box in the panel. To assure good electrical contact when installing the EMC Box in the panel, be sure to remove the paint from the panel surface where the EMC Box will be installed. For information regarding the installation holes for the EMC Box refer to the external dimensions diagram.

③ Install the GOT.

④ Install the EMC Box. When installing the EMC Box be sure to place it over the shield cross protruding from the GOT display. Install screws in the holes at the bottom of the EMC Box after grounding the communication module and Power Supply Module's FG mesh wire.



(2) A8GT-STN-BOX-EU external dimensions diagram

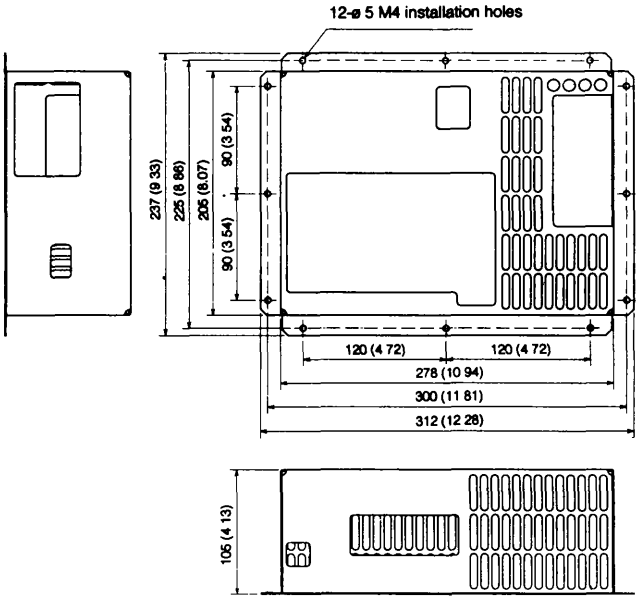


Weight 1.1kg (2.46 lb)

Unit : mm (inch)

3. External Dimensions

(1) A8GT-EL-BOX-EU external dimensions diagram



Weight 900g (1 98 lb)

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Specifications subject to change without notice.