

MITSUBISHI ELECTRIC GS2110-WTBD, GS2107-WTBD GS21 General Description GOT SIMPLE Graphic Operation Terminal

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.

Table with 2 columns: Precaution Type (WARNING, CAUTION) and Description of hazard.

Depending on circumstances, procedures indicated by "CAUTION" may also be linked to serious results. In any case, it is important to follow the directions for usage

DESIGN PRECAUTIONS WARNING: Some failures of the GOT or cable may keep the outputs on or off. Some failures of a touch panel may cause malfunction of the input objects such as a touch switch.

DESIGN PRECAUTIONS WARNING: To maintain the security (confidentiality, integrity, and availability) of the GOT and the system against unauthorized access, DoS attacks, computer viruses, and other cyberattacks from unreliable networks and devices via network, take appropriate measures such as firewalls, virtual private networks (VPNs), and antivirus solutions.

DESIGN PRECAUTIONS CAUTION: Do not bundle the control and communication cables with main-circuit, power or other wiring. Run the above cables separately from such wiring and keep them a minimum of 100mm apart.

MOUNTING PRECAUTIONS WARNING: Be sure to shut off all phases of the external power supply used by the system before mounting or removing the GOT main unit from the panel. Not doing so can cause the unit to fail or malfunction.

MOUNTING PRECAUTIONS CAUTION: Use the GOT in the environment that satisfies the general specifications described in this manual. Do not doing so can cause an electric shock, fire, malfunction or product damage or deterioration.

WIRING PRECAUTIONS WARNING: Be sure to shut off all phases of the external power supply used by the system before wiring. Failure to do so may result in an electric shock, product damage or malfunctions.

WIRING PRECAUTIONS CAUTION: Please make sure to ground FG terminal of the GOT power supply section by applying 100Ω or less which is used exclusively for the GOT. Not doing so may cause an electric shock or malfunction.

TEST OPERATION PRECAUTIONS WARNING: Before performing the test operations of the user creation monitor screen (such as turning ON or OFF bit device, changing the word device current value, changing the settings or current values of the timer or counter, and changing the buffer memory current value), read through the manual carefully and make yourself familiar with the operation method.

STARTUP/MAINTENANCE PRECAUTIONS WARNING: When power is on, do not touch the terminals. Doing so can cause an electric shock or malfunction. Before starting cleaning or terminal screw retightening, always switch off the power externally in all phases.

STARTUP/MAINTENANCE PRECAUTIONS CAUTION: Do not disassemble or modify the unit. Doing so can cause a failure, malfunction, injury or fire. Do not touch the conductive and electronic parts of the unit directly. Doing so can cause a unit malfunction or failure.

TOUCH PANEL PRECAUTIONS CAUTION: For the analog-resistive film type touch panels, normally the adjustment is not required. However, the difference between a touched position and the object position may occur as the period of use elapses.

PRECAUTIONS WHEN THE DATA STORAGE IS IN USE WARNING: If the SD card mounted on drive A of the GOT is removed while the GOT is accessed, processing for the GOT might be interrupted for 20 seconds.

PRECAUTIONS WHEN THE DATA STORAGE IS IN USE CAUTION: If the data storage mounted on the GOT is removed while the GOT is accessed, the data storage and files are damaged. To remove the data storage from the GOT, check that the access to the data storage in SD card access LED, the system signal, and others is not performed.

DISPOSAL PRECAUTIONS CAUTION: When disposing of this product, treat it as industrial waste.

TRANSPORTATION PRECAUTIONS CAUTION: Make sure to transport the GOT main unit and/or relevant unit(s) in the manner they will not be exposed to the impact exceeding the impact resistance described in the general specifications of this manual, as they are precision devices. Failure to do so may cause the unit to fail.

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

Table with 3 columns: Manual name, Contents, Manual Number (Model Code). Lists manuals for installation, user guides, help, and connection methods.

*1 The manual in PDF-format is included in the GT Works3/GT Designer3 products. For details of a PLC to be connected, refer to the PLC user's manual respectively.

Reference Standard: GB/T15969.2 (Requirement of Chinese standardized law)

Table with 2 columns: Bundled item, Quantity. Lists mounting fitting and general description.

1. Specifications 1.1 General Specifications

Table with 2 columns: Item, Specifications. Lists operating temperature, storage ambient temperature, vibration resistance, shock resistance, etc.

*1 Do not use or store the GOT under pressures higher than the atmospheric pressure of altitude 0m (0ft). Failure to observe this instruction may cause a malfunction.

1.2 Performance Specifications

Table with 3 columns: Item, Specifications, Item. Lists display section, backlight, touch panel, memory, built-in interface, buzzer output, and protective structure.

Table with 3 columns: Item, Specifications, Item. Lists external dimensions, panel cutting dimensions, weight, compatible software package, etc.

*1 Bright dots (always lit) and dark dots (unlit) may appear on a liquid crystal display panel. It is impossible to completely avoid this symptom, as the liquid crystal display consists of a great number of display elements.

1.3 Power Supply Specifications

Table with 3 columns: Item, Specifications, Item. Lists input power supply voltage, power consumption, inrush current, etc.

2. GT Designer3 Version1 (compatible with GS Series) Installation Procedure

This chapter explains how to install and uninstall GT Designer3 Version1 (compatible with the GS Series).

2.1 Installing GT Designer3 version 1.215Z or later

- 2.1.1 Installation procedure 1) Insert the product disc of GT Works3 version 1.215Z or later into the disc drive. 2) Double-click the following installer.

2.1.2 Uninstallation procedure

- 1) In the Windows Control Panel, click [Add or Remove Programs], select [Designer3 (GOT2000)], and click the [Uninstall] button.

2.2 Installing GT Designer3 version earlier than 1.215Z

- 2.2.1 Before installation 1) Prepare the product disc (DVD-ROM) of GT Works3 Version 1.104J or later at hand. 2) Install GT Designer3 (GOT2000) Version 1.104J or later in advance.

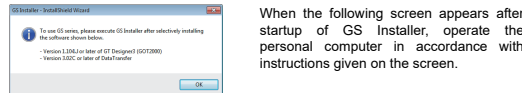
2.2.2 Installation procedure

- 1) Double-click GS Installer.exe stored in the folder shown in 2.2.1 3) above. Operate the personal computer in accordance with instructions given on the screen.

2.2.3 Uninstallation procedure

When GT Designer3 (GOT2000) is uninstalled, the GS Series is automatically uninstalled. For uninstallation of GT Designer3 (GOT2000), refer to 2.1.2.

2.2.4 Precautions



When the following screen appears after startup of GS Installer, operate the personal computer in accordance with instructions given on the screen.

3. Notification of CE marking

The following products have shown compliance through direct testing (to the identified standards) and design analysis (forming a technical construction file) to the European Directive for Electromagnetic Compatibility (2004/108/EC) when used as directed by the appropriate documentation.

Table with 2 columns: Standard, Remark. Lists CE marking standards EN61131-2:2007 and EN61000-6-2:2007.

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For more details please contact your local Mitsubishi Electric sales site. For details of CE marking, refer to the following.

Table with 2 columns: Microsoft, Windows, Windows Vista are registered trademarks of Microsoft Corporation in the United States and other countries.

This manual confers no industrial property rights or any rights of any other kind, nor does it confer any patent licenses. Mitsubishi Electric Corporation cannot be held responsible for any problems involving industrial property rights which may occur as a result of using the contents noted in this manual.

Warranty Mitsubishi will not be held liable for damage caused by factors found not to be the cause of Mitsubishi; opportunity loss 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.