GOT2000 Series RGB Output Unit

User's Manual

GOT27-RZ5

Set of GT2710-RZ5 and GT2710-1000

Thank you for choosing Mitsubishi Electric Graphic Operation Terminal (GOT).

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

2. INSTALLATION PRECAUTIONS

4. INSTALLATION AND REMOVAL PROCEDURE

2.2 GT2715-X Timing Chart

2.3 GT2712-S, GT2710-S, and GT2708-B Timing Chart

2.4 GT2710-V and GT2708-V Timing Chart

3. PART NAMES AND EXTERNAL DIMENSIONS

3.1 GT16 RGB Output Unit

WARNING

Install the lines by a distance of at least 100mm (3.94 inches) or more. Otherwise, malfunction may occur due to noise.

As a guide, separate the lines by a distance of at least 100mm (3.94 inches) or more. Otherwise, malfunction may occur due to noise.

Be sure to use an optical power supply used by the system before mounting or removing this unit and fix the GOT. Do not block or cover any ventilation holes on this unit. Otherwise, air cannot flow in or out of the unit, causing malfunction or product damage or external fires.

Do not work on or near a high-voltage power line when installing this unit. A voltage may remain even after turning off the power supply, causing a malfunction or personal injury.

Before connecting the Bus connection cable to the unit, always shut off GOT power. Do not power the unit on while it is connected to the Bus connection cable.

Use this unit in an environment where general specifications are met. For the specifications of this unit, refer to the user's manual for each GOT model. Otherwise, malfunction may occur due to external factors.

Always make sure to touch the grounded metal to discharge the electricity charged in the body, etc., before touching the unit. Failure to do so may cause the unit to fail.

0.600ms 0.062ms

0.124ms

0.636s

2.200s

1.907s

6) Interface connector Connector connected to the Video Interface Converter Unit (2 screws (26mm), 2 stickers) 4

Video Interface Converter Unit GT27-IF1000 1

GT16 RGB output unit GT16M-ROUT-Z 1

Wiring List

Referenced Standard: GB/T19969.2 (Requirement of Chinese standardized law)

1. OVERVIEW

2. SPECIFICATIONS

The following shows the performance specifications of the RGB output unit. The general specifications of the RGB output unit are shown in the Basic Manual of the GOT.

For the details of the RGB output unit, refer to GT Designer 2 (GOT Designer2 Help).

2.1 RGB output unit

Model name

Model number

Manual number

Manual number

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To use the RGB output unit, set the following setting.

1. Install the setting file of the RGB output unit and then confirm the setting is correct.

When installing this unit to the GOT, fit it to the connection interface of the GOT. The connection interface and the GT2710-S timing chart are the same.

Reference for GT Works3 Version1 Microcomputers, MODBUS/Fieldbus Products, Peripherals) For GT Works3 Version1

Please take necessary precautions to ensure that remaining materials from heat treatment (fumigation) are removed.

When fumigants that contain halogen materials such as fluorine, chlorine, or bromine are used, heat treatment is necessary to remove the remaining materials since they can cause a malfunction due to a cable contact fault.