

Mitsubishi GS2110-WTBD Manual

Brand	Mitsubishi
Product Series	Mitsubishi Pepperl+Fuchs Omron
Product Type	backlight

Description

The Mitsubishi GS2110-WTBD terminal belongs to the GOT SIMPLE series and functions as a Graphic Operation Terminal (GOT). It operates at 24 VDC with a maximum ripple voltage rating of 200 mV, and it consumes 7.6 W of power or less. The TFT color liquid crystal display measures 10 inches diagonally, with a resolution of 800 x 480 dots, and it supports 65536 colors and a 32-level brightness adjustment feature for its LED-type backlight.

Technical specifications for GS2110-WTBD

Manufacturer Mitsubishi

Product Line GOT2000

Part Number GS2110-WTBD

Weight 4.06 lbs (1.84 kg)

Module Type Graphic Operational terminal (GOT)

Series GOT SIMPLE series

Input Power Supply Voltage 24 VDC, ripple voltage 200 mV or less

Power Consumption 7.6 W (317 mA/ 24V) or less

Inrush Current 17A or less (6 ms, 25°C, at the maximum load)

Display Type TFT color liquid crystal

Screen Size 10 inch

Display Resolution 800 x 480 dots

Display Size (W x H) 222 x 132.5 mm

Display Character 16-dot standard font: 50 characters x 30 lines (horizontal format)

Display Color 65536 colors

Protective Structure IP65F (only part of the panel)

Built-in Interface RS-422, RS-232, Ethernet, USB, SD card

Flash Memory 9 MB

Description

The Mitsubishi GS2110-WTBD interface terminal is a member of the GOT SIMPLE series of Graphic Operation Terminals (GOTs). It operates with an input power supply voltage rating of 24 VDC, and it features a ripple voltage rating of 200 mV or less. The GS2110-WTBD terminal consumes a maximum of 7.6 W (317 mA at 24V) of power during operation and has an inrush current rating of 17A or less for a duration of 6 ms at a maximum load and an ambient temperature of 25°C. The GS2110-WTBD terminal is equipped with a TFT color liquid crystal display. This display has a 10-inch screen size with a resolution of 800 x 480 dots. The display area measures 222 x 132.5 mm and can accommodate 16-dot standard font characters, allowing for a display of 50 characters across 30 lines in a horizontal format. The GS2110-WTBD terminal supports color graphics in 65536 colors and a 32-level adjustment for display brightness. Its LED-type backlight ensures optimal visibility. The GS2110-WTBD terminal features an analog-resistive film-type touch panel, with each key possessing a minimum size of 2x2 dots. With 9 MB of flash memory, it offers ample space for storage. The built-in interface options include RS-422, RS-232, Ethernet, USB, and SD card slots for enhanced connectivity options. It also supports a buzzer output feature. The GS2110-WTBD terminal was designed to be durable. Its front panel has an IP65F ingress protection rating. The GS2110-WTBD interface terminal's external dimensions measure 272 x 214 x 56 mm, and it weighs 1.3 kg without including fittings.

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