GE Service Manual

IC755CBS06RDA

1. Description

The GE Fanuc IC755CBS06RDA terminal is a Quickpanel+ industrial operator terminal. The IC755CBS06RDA terminal comes with a 6-inch display.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Type Quickpanel+ terminal**
Product	**Line Quickpanel**
Part	**Number IC755CBS06RDA**
Weight	**10.00 lbs (4.54 kg)**
Display	**Size 6 inches**
Touchscreen	**Yes**
Microprocessor	**ARM A8**
RAM	**512 megabytes**
Input	**Voltage 24 Volts DC**
Maximum	**Power Input 15 Watts**
Ethernet	**Ports 1**

3. Product Information

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Technical specifications for IC755CBS06RDA

Manufacturer GE Fanuc Emerson

Product Type Quickpanel+ terminal

Product Line Quickpanel

Part Number IC755CBS06RDA

Weight 10.00 lbs (4.54 kg)

Display Size 6 inches

Touchscreen Yes

Microprocessor ARM A8

RAM 512 megabytes

Input Voltage 24 Volts DC

Maximum Power Input 15 Watts

Ethernet Ports 1

Description

The IC755CBS06RDA terminal is a GE Fanuc Quickpanel+operator terminal with a 6-inch color TFT display. The display supports resistive touchscreen technology. Quickpanel+ terminals are based on ARM microprocessors. The IC755CBS06RDA terminal uses a Freescale i.MX5351 ARM Cortex A8 microprocessor clocked at 1 Gigahertz. The terminal includes 512 MB of RAM, 256 MB of flash memory and 512 KB of SRAM. The operating system is the Windows Embedded Compact 7 operating system. The size of the display on the IC755CBS06RDA terminal is 5.7 inches. The display technology is a TFT LCD screen. The resolution supported by the display is 320 x 240 (QVGA). The display supports 65,536 colors and its brightness is rated at 375 nits. An SD card slot is available and it can be used for external storage.

The IC755CBS06RDA terminal runs on DC power. The rated input voltage is 24 Volts DC and the terminal consumes a maximum of 15 Watts of power. The noise voltage rating is 1500 Volts peak to peak, the pulse duration is 1 microsecond, and the rise time is 1 nanosecond. The mechanical specifications for the IC755CBS06RDA terminal include a weight of 1.54 pounds and dimensions of 192 x 137 x 36 millimeters. For panel mounting, a cutout measuring 183.5 x 128.5 millimeters is required. When VESA mounting is used as the mounting method, the VESA mounting base should have dimensions of 75 x 75 millimeters. The IC755CBS06RDA terminal comes with multiple communication options, including one 10/100BaseT Ethernet interface, 1 RS-232 serial port, and 3 USB ports out of which 2 can act as USB hosts and 1 can act as a USB device. The audio ports include 1 mic-in port and one line-out port.