GE Service Manual

IC755CSS10CDA

1. Description

The GE Fanuc Quickpanel IC755CSS10CDA terminal is an operator interface terminal with a standard display with a resolution of 800 x 600 pixels. The TFT display has a size of 10.4 inches and it includes an LED backlight.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC755CSS10CDA**
Weight	**5.00 lbs (2.27 kg)**
Display	**Size and Type 10.4â□□ standard TFT LCD**
Resolution	**800 x 600 pixels WVGA**
Colors	**65,536**
Brightness	**400 cd/m2**
Touch	**screen Projective capacitive, two-point**
Processor	**Freescale i.MX535 (1 gigahertz ARM Cortex A8)**
RAM	**DDR3 SDRAM 1 GB**
ROM	**SLC NAND 512 MB**
SRAM	**512 kilobytes (with battery backup)**
Ethernet	**Ports 2 x 10/100BaseT (RJ-45)**
Serial	**Ports 1 x RS-232 UART port / 1 x RS-232/485 port**
USB	**Ports 2 x USB 2.0 (Type-A) (Host), 1 x USB 2.0 (Mini Type-B)**
Storage	**1 x SD/SDHC card slot**

3. Product Information

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Technical specifications for IC755CSS10CDA

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Product Line Quickpanel

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Storage 1 x SD/SDHC card slot

Description

The IC755CSS10CDA terminal is made by GE Fanuc and it requires minimal panel space for installation into any compatible industrial system. This Quickpanel+ operator interface terminal is built for operation at 12/24 Volts DC and in locations with proper ventilation and the correct humidity levels. The IC755CSS10CDA operator interface terminal is made to be stored in temperatures between -10 and 60 degrees Celsius (14 and 140 degrees Fahrenheit) and its operating temperature range is 0 to 55 degrees Celsius (32 to 131 degrees Fahrenheit). The IC755CSS10CDA terminal has a multi-touch touchscreen with a 10.4-inch display size. The TFT LCD screen has a brightness rating of 400 candela per square meter and 65,536 colors in its graphics. This component has status LEDs and it has inputs such as micro USB and line out inputs. Also, the unit has a slot for SD/SDHC memory cards, a LAN input, and multiple USB 2.0 ports. Besides USB communication, the unit allows for serial communication and it has two 10/100Base T RJ-45 Ethernet ports.

The GE Fanuc Quickpanel+ IC755CSS10CDA operator interface terminal has a maximum power consumption rating of 18 Watts with a current rating of 1.5/0.75 Amps and it comes with a lithium metal battery that has a long operating life. The IC755CSS10CDA operator interface terminal features 512 kilobytes of SRAM with battery backup and it has up to 1 gigabyte of RAM. The RAM module is the DDR3 SDRAM type and the unit has 512 megabytes of available ROM. Besides the battery, the IC755CSS10CDA operator interface terminal's components include a serial port connector, a power connector, 4 mounting brackets, and other parts such as protective sheets and gaskets. The unit allows for panel mounting or mounting with a VESA mounting base.