GE Service Manual

IC755CSS10CDACA

1. Description

The GE Fanuc IC755CSS10CDACA interface is a Quickpanel+ operator interface with a standard display screen with a resolution of 800 x 600 pixels. The TFT display screen 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 IC755CSS10CDACA**
Weight	**15.00 lbs (6.80 kg)**
Display	**Size and Type 10.4-inch standard TFT LCD**
Resolution	**800 x 600 pixels WVGA**
Color	**65,536**
Brightness	**400 cd/m2**
Touchscreen	**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 IC755CSS10CDACA

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Product Line Quickpanel

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Storage 1 x SD/SDHC card slot

Description

The IC755CSS10CDACA interface module is made by GE Fanuc and it requires minimal panel space for installation in any compatible industrial system. This QuickPanel+ operator interface module is built for 12/24 Volts DC voltage and for locations with proper ventilation and ambient humidity levels. The IC755CSS10CDACA operator interface module is made to be stored at a temperature range 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 IC755CSS10CDACA interface module has a multi-touch touchscreen with a 10.4-inch display size. This TFT LCD screen has a brightness rating of 400 candela per square meter and 65,536 graphics colors. This component has status LEDs and it has inputs such as the micro USB and line out inputs. Additionally, the unit has a slot for SD/SDHC memory cards, LAN inputs, and multiple USB 2.0 ports.

The GE Fanuc IC755CSS10CDACA operator interface module allows for serial communication and it has two 10/100Base T RJ-45 Ethernet ports. The unit 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 battery that has a long operating life. The IC755CSS10CDACA operator interface module 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 IC755CSS10CDACA operator interface module has a serial port connector, a power connector, 4 mounting brackets, and other parts such as a protective sheet and a gasket. The unit allows for panel mounting or mounting with a VESA mounting base.