GE Service Manual

IC755CSS12CDA

1. Description

The IC755CSS12CDA operator interface by GE Fanuc has a 12.1-inch TFT LCD with a brightness rating of 450 candela per square meter. This Quickpanel+ component has an input voltage rating of 12/24 Volts DC and a power consumption rating of 30 Watts.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC755CSS12CDA**
Weight	**5.00 lbs (2.27 kg)**
Display	**Size and Type 12.1-inch standard TFT LCD**
Resolution	**800 x 600 pixels WVGA**
Color	**65,536**
Brightness	**450 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**

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Technical specifications for IC755CSS12CDA

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Storage 1 x SD/SDHC card slot

Description

The IC755CSS12CDA terminal is a Quickpanel+ operator interface made by GE Fanuc. GE Fanuc designed the terminal to be a high-profile industrial component that provides reliability and flexibility in operation. This particular operator interface terminal is equipped with a 12.1-inch TFT LCD screen that has status indicators and various ports for communication. The unit allows for serial communications and it has common communication ports for Ethernet and USB connectivity. Also, the IC755CSS12CDA terminal has a slot for SD/SDHC memory cards. The IC755CSS12CDA operator interface terminal comes with all the necessary accessories such as connectors and mounting equipment. The unit allows for mounting on a panel or mounting with a VESA mounting base. The approximate dimensions of the module are 314 x 248 x 65 millimeters (12.3 x 9.7 x 2.5 inches) and its weight is 3 kilograms (6.6 pounds).

The typical operating temperature range for the IC755CSS12CDA operator interface terminal is 0 to 55 degrees Celsius (32 to 131 degrees Fahrenheit), which applies to all the components that are available through this series. All of these components are built for industrial operating conditions and they have an enclosure rating of UL Type 4X or IP 65, depending on the mounting option. The IC755CSS12CDA interface terminal has 1 gigabyte of available working memory (RAM) and it has 512 megabytes of ROM. The SRAM of the module is 512 kilobytes, while its Freescale i.MX535 processor operates on a speed of 1 gigahertz. The unit has an input voltage rating of 12/24 Volts DC and it requires 30 Watts of power. The current rating for this power requirement is 2.5/1.25 Amps.