GE Service Manual

IC755CKW07CDM

1. Description

The operator interface terminal with the product code IC755CKW07CDM is produced by GE Fanuc and it is available through the Quickpanel+ series by GE Fanuc. The unit has a weight of 0.8 kilograms (1.76 pounds) and its dimensions are as follows 192 x 137 x 36 millimeters (7.56 x 5.39 x 1.42 inches).

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC755CKW07CDM**
Weight	**12.00 lbs (5.44 kg)**
Display	**size and type 7-inch Widescreen TFT LCD**
Resolution	**800 x 480 pixels WVGA**
Colors	**65,536**
Brightness	**310 cd/m2**
Touchscreen	**Projective capacitive, two-point**
Processor	**Freescale i.MX535 (1 gigahertz ARM Cortex A8)**
RAM	**DDR2 SDRAM 512 MB**
ROM	**SLC NAND 256 MB**
SRAM	**512 kilobytes (with battery backup)**
Ethernet	**Ports 1 x 10/100BaseT (RJ-45)**
Serial	**Ports 1 x RS-232 UART port (5-pin connector)**
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 IC755CKW07CDM

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Ethernet Ports 1 x 10/100BaseT (RJ-45)

Serial Ports 1 x RS-232 UART port (5-pin connector)

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

Description

The Quickpanel+ operator interface terminal with the catalog number IC755CKW07CDM is designed by GE Fanuc and it is an intuitive tool that can speed up and simplify system operation for the whole machine system. This industrial component requires 24 Volts DC voltage and it consumes 15 Watts of power at a current rating of 0.625 Amps. The unit can be mounted on a panel or by using a VESA mounting base. The dimensions of the module include a length of 192 millimeters (7.56 inches), a width of 137 millimeters (5.39 inches), and a depth of 36 millimeters (1.42 inches). The weight of the unit is only 0.8 kilograms or 1.76 pounds. The IC755CKW07CDM operator interface terminal has the Microsoft Windows Embedded Compact 7 operating system and it has a 1 gigahertz processor that is the ARM Cortex A8 type. The memory for the unit includes 512 megabytes of DDR2 SDRAM, 256 megabytes of SLC NAND ROM, and 512 kilobytes of SRAM.

The size of the TFT LCD screen of the GE Fanuc Quickpanel+ IC755CKW07CDM operator interface terminal is 7 inches and it features the widescreen format which provides better viewing angles. This kind of terminal is usually used for showing different messages and alerts in industrial environments and for the programming of the system. The IC755CKW07CDM interface terminal features a 2-point projected capacitive touchscreen and communication ports like an Ethernet port, a serial port, and 2 USB 2.0 ports. The USB ports include 2 host ports and a single device port. Also, the unit comes with card slot for memory modules of the SD/SDHC type. In addition to that, the unit has a mono port for microphones and a stereo line out audio port.