GE Service Manual

IC755CKW10CDM

1. Description

The IC755CKW10CDM operator interface terminal by GE Fanuc is part of the Quickpanel+ series and it has a rugged LCD screen with a 10-inch diagonal measurement. The display has a resolution of 800 x 600 pixels and it is built with the touchscreen control capability.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC755CKW10CDM**
Weight	**15.00 lbs (6.80 kg)**
Display	**size and type 10.4â□□ Widescreen 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**
Description	
The	**GE Fanuc operator interface terminal with the product code IC755CKW10CDM is built for 12/24 Volts DC voltage and it complies with the EU RoHS standards (Directive 2011/65/EU). The unit has an improved cooling method compared to other operator interface terminals and it mounts with the VESA mounting base. In addition to that, the unit can be mounted directly onto the panel and its panel**

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Technical specifications for IC755CKW10CDM

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The GE Fanuc operator interface terminal with the product code IC755CKW10CDM is built for 12/24 Volts DC voltage and it complies with the EU RoHS standards (Directive 2011/65/EU). The unit has an improved cooling method compared to other operator interface terminals and it mounts with the VESA mounting base. In addition to that, the unit can be mounted directly onto the panel and its panel cutout dimensions are 266 x 210 millimeters (10.4 x 8.2 inches). The IC755CKW10CDM operator interface terminal weighs 2.4 kilograms (5.2 pounds) and it operates within a temperature range of 0 to 55 degrees Celsius (32 to 131 degrees Fahrenheit). In addition to that, the storage temperature range is -10 to 60 degrees Celsius (14 to 140 degrees Fahrenheit).

The IC755CKW10CDM operator interface terminal includes 1 gigabyte of DDR3 SDRAM and 512 megabytes of ROM. The SRAM capacity is 512 kilobytes when battery backup is included. The display of the unit has a resolution of 800 x 600 pixels (WVGA) and a diagonal dimension of 10 inches. The type of display is a TFT LCD screen with touchscreen control and an LED backlight. The touchscreen is a projected capacitive touchscreen and it has a multi-touch capacity. The display also features a brightness of 400 candela per square meter and 65,536-color graphics. The communication ports include 2 RJ-45 Ethernet ports (10/100BaseT), 2 serial ports (RS-232 UART and RS-232/485), and multiple USB 2.0 ports. The IC755CKW10CDM operator interface terminal runs on the Windows operating system and it is equipped with an SD/SDHC card slot for storage. The Freescale i.MX535 processor has a speed of 1 gigahertz. The type of processor is the ARM Cortex A8 processor.