GE Service Manual

IC755CKW07CDMEP

1. Description

The IC755CKW07CDMEP terminal is an industrial operator interface terminal with a 7-inch LCD screen. The component is made by GE Fanuc and it is part of the Quickpanel+ series. The display has 800 x 480 pixels resolution and a brightness of 310 candela per square meter.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC755CKW07CDMEP**
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**
Description	
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The GE Fanuc IC755CKW07CDMEP operator interface terminal features a touchscreen that is the projective capacitive touchscreen type and it includes a storage card slot for either SD or SDHC memory cards. In addition to that, the unit has multiple USB 2.0 ports along with an Ethernet port and a serial port. The featured Ethernet port is a 10/100 BaseT port and the RS-232 series port comes with a standard 5-pin connector. The IC755CKW07CDMEP interface terminal has a 1 gigahertz processor and it has 512 megabytes of available RAM. The RAM module is an improved DDR2 type of RAM. The unit is compact and it has dimensions that include 192 millimeters (7.5 inches) in length, 137 millimeters (5.3 inches) in width, and 36 millimeters (1.4 inches) in depth. The unit weighs around 0.8 kilograms or 1.76 pounds.