GE Service Manual

IC755CKS06RDMEP

1. Description

The GE Fanuc IC755CKS06RDMEP terminal is a Quickpanel+ terminal with an RSTi-ED Modbus TCP. The size of the display on the terminal is 6 inches.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**type QuickPanel+ with RSTi-ED Modbus TCP**
Product	**Line Quickpanel**
Part	**Number IC755CKS06RDMEP**
Weight	**10.00 lbs (4.54 kg)**
Display	**size 6 inches**
Operating	**system Windows EC7**
Micropocessor	**ARM Cortex A8**
DRAM	**512 megabytes**
Voltage	**Intput 24 Volts DC**
Current	**Input 0.625 Amps**
Operating	**Temperature 32 to 131 degrees Fahrenheit**
Cutout	**Dimensions 183.5 x 128.5 millimeters**

3. Product Information

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Technical specifications for IC755CKS06RDMEP

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Product type QuickPanel+ with RSTi-ED Modbus TCP

Product Line Quickpanel

Part Number IC755CKS06RDMEP

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Display size 6 inches

Operating system Windows EC7

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DRAM 512 megabytes

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Current Input 0.625 Amps

Operating Temperature 32 to 131 degrees Fahrenheit

Cutout Dimensions 183.5 x 128.5 millimeters

Description

The GE Fanuc QuickPanel+ IC755CKS06RDMEP terminal is a terminal with a 6-inch screen and an RSTi-ED Modbus TCP. The IC755CKS06RDMEP terminal has 1 tri-color LED which provides visual status updates. The operating system, which is the Microsoft Windows Embedded Compact 7 operating system, is a 32-bit system with GUI which is stored in the flash memory and which is copied to the system DRAM for execution. The firmware on the IC755CKS06RDMEP terminal can be upgraded by inserting the SD card containing the updated firmware and by performing the procedure described in the device manual. When the package containing the IC755CKS06RDMEP terminal is received, it should be inspected for damage. Power should not be applied to the IC755CKS06RDMEP terminal if it has visible damage.

The IC755CKS06RDMEP terminal measures 192 x 137 x 36 millimeters. Panel mounting the terminal requires a cutout measuring 183.5 x 128.5 millimeters. The torque range for mounting clamp screws on the IC755CKS06RDMEP terminal is 0.3 N-m. The IC755CKS06RDMEP terminal can also be installed on a commercially available VESA MIS-D arm, stand, or any apparatus that complies with the UL1678 standard. Mounting holes on the back of the IC755CKS06RDMEP terminal need to be used with M4 screws that measure 6 millimeters or less. The torque range for mounting M4 screws is 0.7 to 0.8 N-m. The IC755CKS06RDMEP terminal comes with a 1-gigahertz ARM A8 processor, 512 megabytes of DRAM, and a 5.7-inch TFT LCD touchscreen display. The communication interfaces include Ethernet, USB, and serial interfaces. The IC755CKS06RDMEP terminal can be powered form a 24 Volts DC power supply and it can draw a maximum current of 0.625 Amps. The ambient operating temperature range is 32 to 131 degrees Fahrenheit.