GE Service Manual

IC755CKS06RDM

1. Description

The IC755CKS06RDM terminal is a GE Fanuc Quickpanel+ operator terminal. The IC755CKS06RDM terminal comes with the RSTi Modbus TCP.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Type Quickpanel+ with RSTi Modbus TCP**
Product	**Line Quickpanel**
Part	**Number IC755CKS06RDM**
Weight	**10.00 lbs (4.54 kg)**
Display	**Size 6 inches**
Input	**Voltage 24 Volts DC**
Maximum	**Power Consumption 15 Watts**
USB	**Ports 3**
Serial	**Ports 1**
Ethernet	**Ports 1**
RAM	**512 megabytes**

3. Product Information

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Technical specifications for IC755CKS06RDM

Manufacturer GE Fanuc Emerson

Product Type Quickpanel+ with RSTi Modbus TCP

Product Line Quickpanel

Part Number IC755CKS06RDM

Weight 10.00 lbs (4.54 kg)

Display Size 6 inches

Input Voltage 24 Volts DC

Maximum Power Consumption 15 Watts

USB Ports 3

Serial Ports 1

Ethernet Ports 1

RAM 512 megabytes

Description

The GE Fanuc Quickpanel+ IC755CKS06RDM terminal is an industrial micro-computer with an RSTi Modbus TCP. The IC755CKS06RDM terminal includes a 6-inch display, it is based on the ARM core micro-processor, and it provides multiple communication options. The IC755CKS06RDM terminal is equipped with multiple memory types. The DRAM is split between the application memory, object storage, and the operating system. The NVRAM is split between application programs and the operating system, and the SRAM is used to store and protect data during power failures. nA SD card slot is also provided for external storage. The IC755CKS06RDM terminal is rated for 24 Volts DC input and it can consume a maximum of 15 Watts of electrical power. The frame ground on the IC755CKS06RDM terminal is internally connected to the signal ground.

The dimensions of the IC755CKS06RDM terminal are 7.56 x 5.39 x 1.42 inches. Panel mounting the terminal requires a cutout with the following dimensions: 7.22 x 5.06 inches. The weight of the IC755CKS06RDM terminal is 0.7 kilograms. Two USB host ports on the IC755CKS06RDM terminal can source a maximum power of 0.5 Amps at 5 Volts DC. A USB device port is also available. An RS-232 serial port is provided on the terminal and it comes with a 5-pin connector. Additionally, one FastEthernet port is also provided on the terminal for network communication. The ARM Cortex A8-based CPU is clocked at 1 gigahertz and it supports a 2D/3D GPU and a floating point math coprocessor. The operating system is the Windows Embedded Compact 7. The size of the DRAM is 512 megabytes. The display is based on the TFT LCD technology and it supports a 320 x 240 resolution. The display also supports resistive touchscreen technology.