GE Service Manual

IC754VSF15CTD

1. Description

The GE Fanuc IC754CSL06CTD is a Human Machine Interface (HMI) device from the QuickPanel product family. This HMI features a 15-inch Colored TFT screen, Touchsceen input interface, 64 MB Flash Memory, 512KB SRAM, 64 MB DRAM, 512KB Boot loader. It has Two (2) Ethernet interface, One (1) Serial EIA232C/EIA485, DP25S combo port, One (1) RS232 port Two (2) USB Interfaces. It has Windows CE Operating System.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Type Operator Panel**
Product	**Line Quickpanel**
Part	**Number IC754VSF15CTD**
Weight	**9.00 lbs (4.08 kg)**
Display	**Size 15”**
Processor	**Intel XScale PXA255**
Clock	**Speed 300 Mhz**
Display	**Resolution 1024 x 768 pixels**
Display	**Type Colored Thin Film Transistor (TFT)**
Operator	**Input Resistive, 12 bit**
Integral	**Memory FLASH64 MB SRAM 512KB (power off retention is the life of the battery) DRAM 64 MB ROM 512 KB (Boot loader)**
Interface	**Two (2) Ethernet interface, One (1) Serial EIA232C/EIA485, DP25S combo port, One (1) RS232 port Two (2) USB Interfaces.**
Operating	**System (OS) Windows CE Operating System.**
Power	**Supply 12 to 30 VDC**
Real	**Power 24 W**
Connector	**Phoenix Contact, 1777992**
Display	**Color Color**
Input	**Type Touchscreen**
Communication	**RS232 and RS485**
Input	**Power 12 or 24 VDC**
Memory	**64 MB**
Communication	**Cable HMI-CAB-**

3. Product Information

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Technical specifications for IC754VSF15CTD

Manufacturer GE Fanuc Emerson

Product Type Operator Panel

Product Line Quickpanel

Part Number IC754VSF15CTD

Weight 9.00 lbs (4.08 kg)

Display Size 15”

Processor Intel XScale PXA255

Clock Speed 300 Mhz

Display Resolution 1024 x 768 pixels

Display Type Colored Thin Film Transistor (TFT)

Operator Input Resistive, 12 bit

Integral Memory FLASH64 MB SRAM 512KB (power off retention is the life of the battery) DRAM 64 MB ROM 512 KB (Boot loader)

Interface Two (2) Ethernet interface, One (1) Serial EIA232C/EIA485, DP25S combo port, One (1) RS232 port Two (2) USB Interfaces.

Operating System (OS) Windows CE Operating System.

Power Supply 12 to 30 VDC

Real Power 24 W

Connector Phoenix Contact, 1777992

Display Color Color

Input Type Touchscreen

Communication RS232 and RS485

Input Power 12 or 24 VDC

Memory 64 MB

Communication Cable HMI-CAB-

Description

The IC754VSF15CTD is a General Electric Quick Panel terminal. It is an operator terminal which gives users the ability to interface with their machines. It has a color display which is 15 inches. It gives the users the ability to connect it by using the Proficy – View Machine Edition software. It also enables them to connect it with the RS485 communication port and the RS232 ports via an HM1-CAB communication cable. The touch screen it has can also be used to input data. This device is powered by 12 to 24 Volts DC. It has an internal memory capacity of 64 MB which the operators can use to store information. This memory also aids in improving the speed of this device.

A number of operations can be performed on the IC754VSF15CTD. This is made possible by the Microsoft Windows C.E. NET software which is installed in it. In addition to this, the user may decide to fit it with additional operating software. The touchscreen also enables it to be used as a standalone device or as part of an integrated network. Operators of the IC754VSF15CTD can install it in third-party user applications which make the system more effective and efficient. A high-interface resolution is embedded in the IC754VSF15CTD. It provides the users several options that enable them to customize their operations. The memory types it contains gives users the ability to store data and information. They also enable it to function optimally and faster. This device can be connected through the quick connect plug or through any other optional input plugs which the users may decide to use. Before installing this device, it is important to do a thorough inspection of all the parts to prevent the users from being electrocuted. Applications can be downloaded via Ethernet.