GE Service Manual

IC754CSL06CTD

1. Description

The GE Fanuc IC754CSL06CTD is a Human Machine Interface (HMI) device from the QuickPanel product family. This HMI features a 6-inch Colored TFT screen, Touchsceen input interface, 32 MB Flash Memory, 512KB SRAM, 32 MB DRAM, 512KB Boot loader. It has One (1) 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 IC754CSL06CTD**
Weight	**6.63 lbs (3.01 kg)**
Display	**Size 6"**
Processor	**Intel XScale PXA255**
Clock	**Speed 300 Mhz**
Display	**Resolution 320 x 240 pixels**
Display	**Type Colored Thin Film Transistor (TFT)**
Operator	**Input Resistive, 12 bit**
Integral	**Memory FLASH 32 MB SRAM 512KB (power off retention is the life of the battery) DRAM 32 MB ROM 512 KB (Boot loader)**
Interface	**One (1) 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 - 30 VDC**
Memory	**32 MB**
Communication	**Cable HMI-CABC93**
Product	**Lifecycle Status* Discontinued/Obsolete**
*	**The GE Fanuc Emerson IC754CSL06CTD has been discontinued by the manufacturer, however we specialize in obsolet**

3. Product Information

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Technical specifications for IC754CSL06CTD

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Product Line Quickpanel

Part Number IC754CSL06CTD

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Display Size 6"

Processor Intel XScale PXA255

Clock Speed 300 Mhz

Display Resolution 320 x 240 pixels

Display Type Colored Thin Film Transistor (TFT)

Operator Input Resistive, 12 bit

Integral Memory FLASH 32 MB SRAM 512KB (power off retention is the life of the battery) DRAM 32 MB ROM 512 KB (Boot loader)

Interface One (1) 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 - 30 VDC

Memory 32 MB

Communication Cable HMI-CABC93

Product Lifecycle Status* Discontinued/Obsolete

* The GE Fanuc Emerson IC754CSL06CTD has been discontinued by the manufacturer, however we specialize in obsolete parts and can likely still supply surplus and/or refurbished replacement IC754CSL06CTD units instead of migration.

Description

The GE Quickpanel with catalog number IC754CSF06CTD is an intelligent visualization component that acts as a Human Machine Interface (HMI). This HMI unit permits integration of Programmable Logic Controller (PLC) data, displaying the gathered data in a user-friendly representation such as textual, graphical or combination of both, to allow monitoring and control of existing variables in the connected machine or process.

The IC754CSF06CTD features a Six (6) inch colored graphic display, allowing colored representation and animation of the runtime display. With colored animation, operational states of individual instruments present in the process may be easily identified. International color codes may be followed as well as plant and area specific color codes. For control of the connected machine or process, this HMI is provided with a touchscreen interface which enable the operator to directly touch the runtime object subject for operation. This HMI exchanges data with the PLC via the built-in communication ports such as One (1) Ethernet interface, One (1) Serial EIA232C/EIA485, DP25S combo port, One (1) RS232 port and Two (2) USB Interfaces. The combination of ports allow this HMI to communication in peer-to-peer and networked topology.

The IC754CSF06CTD boasts of an array of internal memory. These memory areas are allocated for 32 MB Flash Memory, 512KB SRAM, 32 MB DRAM, 512KB Boot loader. It has an Intel XScale PXA255 with clock speed of 300 MHz. This HMI device is pre-installed with a Windows CE operating that provides a user-friendly configuration and device management interface. This operating system supports common Windows OS commands as well the Pocket Internet Explorer for remote browsing and FTP connection, Microsoft File Viewers, PDF Viewer and other features.

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