GE Service Manual

IC754VGI06STD

1. Description

Technical specifications for IC754VGI06STD

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC754VGI06STD**
Weight	**4.44 lbs (2.01 kg)**
Display	**Size 6 in.**
Display	**Color Color**
Input	**Type Touchscreen**
Communication	**RS232 and RS485**
Input	**Power 12 - 30 VDC**
Memory	**32 MB**
Communication	**Cable HMI-CAB-C67**

3. Product Information

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Description

The General Electric IC754VGI06STD Quick Panel Full Color Terminal is an enhanced HMI device which provides users with an easy interface to their machines, and control flexibility in a wide range of applications, both for home use and factory floor needs. Designed with the Microsoft Windows CE.NET Operating System, the IC754VGI06STD offers integration of machine control and visualization in one compact package, and it comes preloaded with the Proficy Machine Edition software, a Windows-based real-time software which provides an integrated environment for programming the HMI, motion, and development of the machine. It has a 6-inch Passive Matrix Super-Twisted Nematic Color Display, with a 320 by 240-pixel display resolution, and it offers a Cold Cathode Fluorescent (CCFL) backlight with 40,000 hours of rated half-life. The IC754VGI06STD provides inputs via its analog resistive touchscreen surface, with a 320 x 240 cells resolution, and it has a front panel bezel made of Valor 3706 material, and LED indicators which show operational status. It comes with a 300 MHz Intel XScale PXA255 processor, with the compact flash pre-installed with 32MB SDRAM and flash memory.

It has a self-refresh non-error correction memory expansion slot with 64MB maximum capacity, and it is designed with a single (Type 2) slot expansion slot. The IC754VGI06STD communicates via the RS-232 Serial communication port (Serial COM1) with a 300 bps - 115200 bps transmission rate, and it 1 RJ45 10/100 Base T Ethernet Port, with a maximum cable length of 30m. It has a DC power supply, which supplies 18 to 30V DC input voltage range (24 nominal), with -30% of the nominal input DIP tolerance for 10ms, and it has a real power consumption of 12W. The IC754VGI06STD has an operating temperature range of 0 to 60°C at 5 to 95% relative humidity, and its storage range is -20 to 70°C. It is built to completely resist a 15G operating shock for 11ms, with a maximum vibration of 1G at 57 to 500Hz, and it is enclosed with a NEMA 4, 4X, and 12 rated enclosure. The IC754VGI06STD weighs approximately 1.16Kg (2.5lb), with total dimensions of 169.6mm x 215.9.0mm x 28.7mm (6.68in x 8.50in x 1.13in), and it is CE, c-UL, and ATEX certified.