

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GE

IC754VBI12CTD

TWELVE-INCH QUICKPANEL VIEW COLOR OPERATOR INTERFACE

Used with the applicable GE QuickPanel configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: GE Fanuc 10/12-inch QuickPanel View Hardware User Guide, GFK-2306A

Hardware User's Guide

10" / 12" QuickPanel View

IC754VBI10MTD

IC754VG110MTD

IC754VS110MTD

IC754VBI12CTD

IC754VG112CTD

IC754VS112CTD

May 2004

GFK-2306A

The specifications listed in this appendix are the design goals for the QuickPanel View. In most cases the “as built” or tested specifications are identical. See page 51 for a list of agency approvals for environmental service and safety.

Physical

Enclosure dimensions (actual - see page 4 for panel cutout specifications)	Height: 8.93 in (226.8 mm)
	Width: 11.85 in (301.1 mm)
	Depth: 2.37 in (60.1 mm)
Bezel dimensions	Height: 10.34 in (262.6 mm)
	Width: 13.26 in. (336.8mm)
	Depth: 0.38 in (9.7 mm)
Weight	2.5lb (1.16 kg)

DC Power

Input Voltage	12 VDC (@ +/- 20% regulated power supply; or 24 VDC (@ +/- 20% regulated power supply)
Real Power	12" models - 36W
	10" models - 24W
Power Supply Conductor Size	12 to 18 AWG
	For compliance to CE Mark, the isolated frame ground must be connected. Recommended frame ground connection is via the shortest possible route, using 14 AWG.
Connector (Vendor, p/n)	Phoenix Contact, 1777992

Display

	10"	12"
Size	10.4" (26.4 cm)	12.1" (30.5 cm)
Colors	256 shades of gray	32,768 (15 bits/pixel)
Resolution	640 X 480	800 X 600
Fabrication	Passive	TFT
Backlight	Cold Cathode Fluorescent (CCFL) - rated half life: 20,000 hours ¹	Cold Cathode Fluorescent (CCFL) - rated half life: 50,000 hours ¹

Front Panel

Bezel Material		Valox 357U ²
Membrane Material		Lexan HP60 ³
LEDs	Bottom	Power status indicator (green with power applied, flashes amber if both backlights fail)
	Top	Programmable tri-color (green, red, amber)

Touch Screen

	Mono	Color
Type	Resistive, 12 bit	Resistive, 12 bit
Resolution	X axis- 640 cells Y axis - 480 cells (after calibration)	X axis- 800 cells Y axis - 600 cells (after calibration)

CPU

Processor	Intel XScale PXA255
Clock speed	300 Mhz

¹ Backlight not field replaceable.

² For material specifications, visit www.gepolymerland.com

³ For material specifications, visit gestructuredproducts.com