

GE Fanuc Automation



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Controller & I/O Solutions

More choices for your applications

Control Electric Co. Pvt. Ltd.

QuickPanel Control Introduction

QuickPanel* Control

GE Fanuc markets and sells QuickPanel Control products that are designed to meet the market needs of companies in the Americas and Asia Pacific.

QuickPanel Control is designed to meet your converging control and visualization application needs with a combination of bright color TFT, or monochrome touch screens, multiple communication options and Proficy* Logic Developer—Machine Edition and Proficy View—Machine Edition software.

Features include:

- Display sizes from 6" to 15"
- Microsoft Windows® CE operating system
- Expandable memory and communication expansion cards
- CompactFlash

- Functions from data collection and trending to system security and alarming
- Built-in web server for access to data and panels via the Internet or your Intranet using any standard browser
- Communication to I/O using GE Fanuc Series 90*-30 I/O Interface, VersaMax* I/O Interface, VersaMax Micro I/O Interface, Genius* I/O Interface, Open Fieldbus and Ethernet Connectivity
- Multi-language support selectable by the operator when the system is online
- Common database for increased productivity – greatly reduces development time by eliminating the need to re-enter tag names
- Extensive library of pre-configured animation objects
- UL Class 1 Div 2 (A, B, C, D), ATEX Class 1 Zone 2, and CE Mark

Proficy Machine Edition

Proficy Machine Edition is an advanced software environment for the development and maintenance of machine level automation. Visualization, motion control, and execution logic are developed with a single programmer.



QuickPanel Control

Controllers



QuickPanel Control combines control and visualization into one platform for maximum productivity and cost efficiency. By integrating the QuickPanel View family of touch screens with Proficy Machine Edition software, QuickPanel Control delivers flexible, scalable performance on a rugged hardware platform. The intuitive environment of Proficy Logic Developer - Machine Edition Control and Proficy View - Machine Edition software helps reduce application development time, and connectivity is made easy with a family of Ethernet and Fieldbus interfaces.

	IC754CSL06CTD	IC754CSL06MTD	IC754CSL12CTD	IC754CSF15CTD
Product Name	QuickPanel Control Display, 6" TFT-Color Loaded	QuickPanel Control Display, 6" Monochrome Loaded	QuickPanel Control Display, 12" TFT-Color Loaded	QuickPanel Control Display, 15" TFT-Color Loaded
Display Size	5.7 inch (Diagonal)	5.7 inch (Diagonal)	12.1 inch (Diagonal)	15.1 inch (Diagonal)
Display Type	TFT	Monochrome	TFT	TFT
Resolution	320 x 240 pixels	320 x 240 pixels	800 x 600 pixels	1024 x 768 pixels
Memory: DRAM	32 MB	32 MB	32 MB	64 MB
Memory: Expandable	to 64 MB or 96 MB	to 64 MB or 96 MB	to 64 MB or 96 MB	to 96 MB or 128 MB
Serial: Com #1	RS232/RS485	RS232/RS485	RS232/RS485	RS232/RS485
Serial: Com #2	RS232	RS232	RS232	RS232
Ethernet: LAN #1	10/100 Mbps	10/100 Mbps	10/100 Mbps	10/100 Mbps
Ethernet: LAN #2	None	None	10 Mbps	10/100 Mbps
Communication Expansion	GE Fanuc Series 90-30 I/O, VersaMax Expansion I/O, VersaMax Micro Expansion I/O, Genius I/O, DeviceNet Master, and PROFIBUS Master	GE Fanuc Series 90-30 I/O, VersaMax Expansion I/O, VersaMax Micro Expansion I/O, Genius I/O, DeviceNet Master, and PROFIBUS Master	GE Fanuc Series 90-30 I/O, VersaMax Expansion I/O, VersaMax Micro Expansion I/O, Genius I/O, DeviceNet Master, and PROFIBUS Master	GE Fanuc Series 90-30 I/O, VersaMax Expansion I/O, VersaMax Micro Expansion I/O, Genius I/O, DeviceNet Master, and PROFIBUS Master
Compact Flash	One, Type 2	One, Type 2	One, Type 2	One, Type 2
Agency Approvals	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark
Environmental Rating	NEMA 4/12/4X, IP65 when properly mounted in an IP65 rated enclosure	NEMA 4/12/4X, IP65 when properly mounted in an IP65 rated enclosure	NEMA 4/12/4X, IP65 when properly mounted in an IP65 rated enclosure	NEMA 4/12/4X, IP65 when properly mounted in an IP65 rated enclosure
Panel Cut-Out (WxHxD)	6.14" x 4.86" x 2.76" (158mm x 126mm x 70mm)	6.14" x 4.86" x 2.76" (158mm x 126mm x 70mm)	11.88" x 8.96" x 2.37" (302mm x 228mm x 60mm)	14.93" x 12.03" x 2.78" (379mm x 305mm x 71mm)
Front of panel and Depth (WxHxD)	8.00" x 6.17" x 0.85" (203mm x 157mm x 22mm)	8.00" x 6.17" x 0.85" (203mm x 157mm x 22mm)	13.26" x 10.34" x 0.38" (337mm x 263mm x 10mm)	15.70" x 12.73" x 0.40" (399mm x 323mm x 10mm)
Input Voltage	10.8 to 30.0 VDC	10.8 to 30.0 VDC	12 VDC @ ±20% or 24 VDC @ ±20%	12 VDC @ ±20% or 24 VDC @ ±20%
Power	Less than 24 W	Less than 24 W	Less than 48 W	Less than 60 W
Operating Temperature	0 to 60°C (32 to 140°F)	-10 to 60°C (14 to 140°F)	0 to 50°C (32 to 122°F)	0 to 50°C (32 to 122°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)	-20 to 70°C (-4 to 158°F)	-20 to 70°C (-4 to 158°F)	-20 to 60°C (-4 to 140°F)
Operating Humidity	5 - 95% non-condensing	10 - 85% non-condensing	10 - 90% non-condensing	10 - 90% non-condensing
Indicators - LEDs	2 Bi-color, 2 on Ethernet Connector	2 Bi-color, 2 on Ethernet Connector	2 Bi-color, 2 on Ethernet Connector	2 Bi-color, 2 on Ethernet Connector

Communications Cards



GE Fanuc 90-30 I/O Interface Card allows the QuickPanel Control unit to interface directly to 90-30 expansion racks using an expansion cable. GE Fanuc VersaMax Expansion I/O Interface Card allows the QuickPanel Control unit to interface directly to VersaMax I/O interfacing to a VersaMax ERM. GE Fanuc Genius Interface Card allows the QuickPanel Control unit to interface to devices on a Genius network and act as a controller. DeviceNet - Master Interface Card allows the QuickPanel Control unit to interface to devices on a DeviceNet Network acting as the master. PROFIBUS - Master Interface Card allows the QuickPanel Control unit to interface to devices on a PROFIBUS Network acting as the master.

	IC754PIF001	IC754TAN001	IC754UEX001	IC754GEN001	IC754DVNM01	IC754PBSM01
Product Name	GE Fanuc Series 90-30 Expansion I/O Interface for QuickPanel Control	GE Fanuc VersaMax Expansion I/O Interface for QuickPanel Control	GE Fanuc VersaMax Micro Expansion I/O Interface for QuickPanel Control	GE Fanuc Genius Communication Card for QuickPanel Control	DeviceNet - Master Interface Card for QuickPanel Control	PROFIBUS - Master Interface Card for QuickPanel Control
Fieldbus Type	90-30 I/O Expansion	VersaMax Expansion I/O	VersaMax Micro Expansion I/O	Genius Interface	DeviceNet Master	PROFIBUS Master
Agency Approvals	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D)	UL/cUL-Class 1 Div 2 (A, B, C, D)
Operating Temperature	0 to 60°C (32 to 140°F)	0 to 60°C (32 to 140°F)	0 to 60°C (32 to 140°F)	0 to 60°C (32 to 140°F)	0 to 60°C (32 to 140°F)	0 to 60°C (32 to 140°F)

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QuickPanel Control

Starter Kits



Starter Kits are an ideal package for first time users. The kits include a QuickPanel Control unit, Proficy Machine Edition software, 24 VDC power supply and Ethernet cable. QuickPanel Control combines control and visualization into one platform for maximum productivity and cost efficiency. By integrating the QuickPanel family of touch screens with Proficy Machine Edition software, QuickPanel Control delivers flexible, scalable performance on a rugged hardware platform. The intuitive environment of Proficy Machine Edition software helps reduce application development time, and connectivity is made easy with a family of Ethernet and Fieldbus interfaces.

	IC754CKL06CTD	IC754CKL06MTD	IC754CKL12CTD	IC754CKF15CTD
Product Name	QuickPanel Control Starter Kit, includes Display, 6" TFT	QuickPanel Control Starter Kit, includes Display, 6" Monochrome	QuickPanel Control Starter Kit, includes Display, 12" TFT	QuickPanel Control Starter Kit, includes Display, 15" TFT
Display Size	5.7 inch (Diagonal)	5.7 inch (Diagonal)	12.1 inch (Diagonal)	15.1 inch (Diagonal)
Display Type	TFT	Monochrome	TFT	TFT
Resolution	320 x 240 pixels	320 x 240 pixels	800 x 600 pixels	1024x768 pixels
Memory: DRAM	32 MB	32 MB	32 MB	64 MB
Memory: Expandable	to 64 MB or 96 MB	to 64 MB or 96 MB	to 64 MB or 96 MB	to 96 MB or 128 MB
Serial: Com #1	RS232/RS485	RS232/RS485	RS232/RS485	RS232/RS485
Serial: Com #2	RS232	RS232	RS232	RS232
Ethernet: LAN #1	10/100 Mbps	10/100 Mbps	10/100 Mbps	10/100 Mbps
Ethernet: LAN #2	None	None	10 Mbps	10/100 Mbps
Communication Expansion	GE Fanuc Series 90-30 I/O, VersaMax Expansion I/O, VersaMax Micro Expansion I/O, Genius I/O, DeviceNet Master, and PROFIBUS Master	GE Fanuc Series 90-30 I/O, VersaMax Expansion I/O, VersaMax Micro Expansion I/O, Genius I/O, DeviceNet Master, and PROFIBUS Master	GE Fanuc Series 90-30 I/O, VersaMax Expansion I/O, VersaMax Micro Expansion I/O, Genius I/O, DeviceNet Master, and PROFIBUS Master	GE Fanuc Series 90-30 I/O, VersaMax Expansion I/O, VersaMax Micro Expansion I/O, Genius I/O, DeviceNet Master, and PROFIBUS Master
Compact Flash	One, Type 2	One, Type 2	One, Type 2	One, Type 2
Agency Approvals	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark	UL/cUL-Class 1 Div 2 (A, B, C, D); ATEX-Class 1 Zone 2; CE Mark
Environmental Rating	NEMA 4/12/4X IP65 when properly mounted in an IP65 rated enclosure	NEMA 4/12/4X IP65 when properly mounted in an IP65 rated enclosure	NEMA 4/12/4X IP65 when properly mounted in an IP65 rated enclosure	NEMA 4/12/4X IP65 when properly mounted in an IP65 rated enclosure
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Power	Less than 24 W	Less than 24 W	Less than 48 W	Less than 60 W
Operating Temperature	0 to 60°C (32 to 140°F)	-10 to 60°C (14 to 140°F)	0 to 50°C (32 to 122°F)	0 to 50°C (32 to 122°F)
Storage Temperature	-20 to 70°C (-4 to 158°F)	-20 to 70°C (-4 to 158°F)	-20 to 70°C (-4 to 158°F)	-20 to 60°C (-4 to 140°F)
Operating Humidity	5 - 95% non-condensing	10 - 85% non-condensing	10 - 90% non-condensing	10 - 90% non-condensing
Indicators - LEDs	2 Bi-color, 2 on Ethernet Connector	2 Bi-color, 2 on Ethernet Connector	2 Bi-color, 2 on Ethernet Connector	2 Bi-color, 2 on Ethernet Connector