General Electric IC754VGI06STD

Complete Product Information | decision matrix

GE Fanuc IC754VGI06STD is a six-inch QuickPanel View color-STN operator interface with a resistive touch screen, serial and Ethernet communications and a Windows CE.NET runtime.

02 Configuration and interface matrix

Interface family	6-inch QuickPanel View
Display technology	5.7-inch color passive STN
Display resolution	320 x 240 pixels
Display colors	65,536
Touch input	12-bit resistive, calibrated 320 x 240 cell grid
DC supply	10.8-30 V DC; nominal real power 12 W
Ethernet	IEEE 802.3, 10/100Base-T RJ45
Serial COM1	EIA-232C / EIA-485; 300-115,200 bit/s
Processor	Intel XScale PXA255, 300 MHz
DRAM	32 MB installed
Flash memory	32 MB total; OS and user storage areas
Battery-backed SRAM	512 KB

CompactFlash	One Type II slot
Expansion bus	One slot
Color-model operating range	0 to 60 °C

03 Application roles and compatibility

Local operator display

Present process values, alarms and commands from the validated HMI application on the color touch display, with calibrated touch targets.

Ethernet-connected supervision

Exchange application data across the 10/100Base-T port after checking addressing, cabling and the configured device protocol.

Serial equipment interface

Use COM1 in its selected EIA-232C or EIA-485 mode with the correct cable pinout, baud rate and peer-device settings.

Service-file transfer

Use approved CompactFlash or engineering-workstation transfer procedures to restore project files and retained settings during panel replacement.

Practical compatibility boundary

GFK-2326 explicitly includes IC754VGI06STD; the color-STN values apply to the STD display variant, while application software and field communications depend on the installed project.

04 Product precautions

Isolate and verify DC power

Disconnect the supply before opening the panel or expansion cover. Confirm polarity, 10.8-30 V DC range, grounding and inrush capacity before energizing.

Protect the project

Back up the Machine Edition application, runtime settings, network addresses and any retained files. Keep a known working copy before altering flash or CompactFlash storage.

Match the color variant

Confirm the complete IC754VGI06STD marking and color-STN panel. Monochrome MTD units have different display characteristics and must not be assumed equivalent.

Preserve port settings

Document Ethernet addressing and COM1 electrical mode, pinout and baud rate; a visually matching cable does not prove protocol compatibility.

05 Offered unit and lifecycle

Condition: New, original product. Confirm the panel, power connector and mounting hardware in the quotation; the 24 V supply, network cables and application project are separate unless specifically listed.

Lifecycle status

Complete-model phase: The current manufacturing and support phase of GE Fanuc IC754VGI06STD has not been established for the complete model. Support review: Request current replacement guidance using the full panel marking, hardware build, installed Machine Edition project and communication configuration. A related color or monochrome QuickPanel View is not automatically an interchangeable HMI. Supply boundary: Apter Power availability is confirmed separately from the manufacturer's lifecycle phase.

Discuss the fitted revision.
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Source: GE Fanuc 6-inch QuickPanel View Hardware User's Guide, GFK-2326, May 2004

Other General Electric references

General Electric 369-HI-R-0-0-0-0-E

General Electric 750-P5-G5-S5-HI-A1-R-E

General Electric 531X307LTBAKG1

Catalog navigation only; verify each model separately.