General Electric IC754VGI06STD

Installation & Commissioning | field workflow

Use this guide to prepare, fit, test and document the offered IC754VGI06STD within its actual installed system.

Exact offered identity	IC754VGI06STD
Engineering role	Operator Interface Panel
Installed-system reference	GE Fanuc 6-inch QuickPanel View

Before work starts

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.

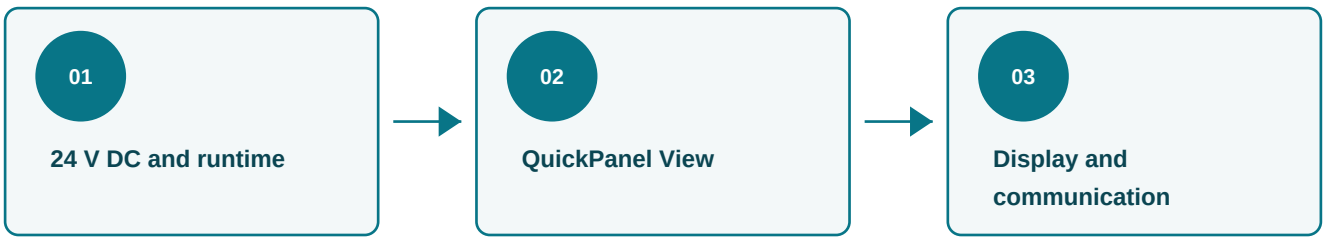
Record first

Send the complete IC754VGI06STD marking, installed revision, quantity and system configuration with your enquiry.

Work package

Interface family	6-inch QuickPanel View
Display technology	5.7-inch color passive STN
Display resolution	320 x 240 pixels
Display colors	65,536

Engineering path



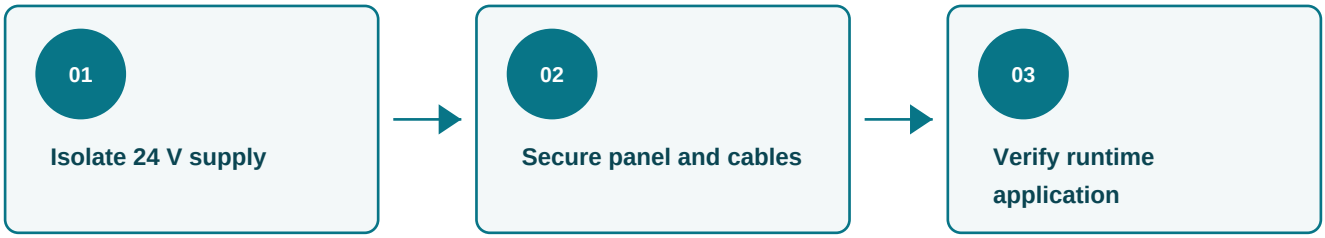
02 Pre-installation readiness

STEP	ACTION	ACCEPTANCE
01	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.
02	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.
03	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.
04	Preserve port settings	Document Ethernet addressing and COM1 electrical mode, pinout and baud rate; a visually matching cable does not prove protocol compatibility.

Companion and host check

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.

Review sequence



03 Fit and interface

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.

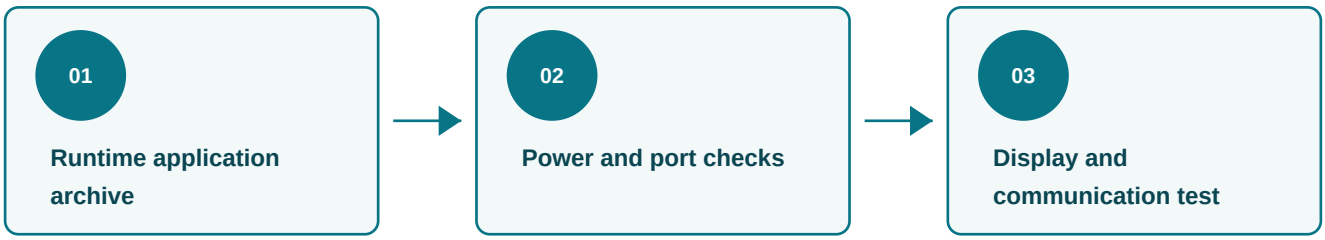
Service-file transfer

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

Power and grounding

Connect the DC supply through the three-terminal power plug with the frame-ground conductor. The original guide specifies 10.8-30 V DC and a nominal 12 W real-power requirement; account for startup inrush in supply selection.

Review sequence



04 Commission and prove

STEP	ACTION	ACCEPTANCE
01	Handle the touch surface	Use a blunt stylus if needed, avoid sharp tools, and recalibrate the resistive screen after installation or persistent touch-position errors.
02	Prove the machine interface	Test critical screens, alarms, command permissives and connected-controller responses in a controlled state before returning operators to normal use.
03	Record the functional result	Check the actual enclosure temperature against the color model's 0–60 °C operating range, including internal heat rise during operation. Review ventilation, condensation risk, grounding and cable routing before commissioning rather than relying only on ambient room temperature.

Application transfer

Retain the approved Machine Edition project and network settings before replacement. Verify COM1 mode, Ethernet address, display calibration and retained data after commissioning.

05 Handover and replacement record

How is the touch screen on IC754VGI06STD commissioned?	Use the panel calibration procedure for the 12-bit resistive screen and verify targets across the display. Then test operator commands against the connected machine in an approved safe state.

How should an application be restored to IC754VGI06STD?	Retain the validated Machine Edition project and runtime/network settings. Transfer the project by the approved workstation or CompactFlash procedure, then confirm screens, alarms, commands and PLC data on the actual installation.
What should be preserved before resetting or exchanging IC754VGI06STD?	Retain the validated project, runtime and network settings and determine which application data reside in flash, battery-backed SRAM or removable CompactFlash. The 32 MB DRAM and 32 MB flash serve different purposes; preserve required data through the approved backup procedure before reset.

Acceptance note

Log the fitted marking, firmware or board revision where present, wiring changes, test results and the approved plant configuration. 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.

Discuss the complete model and fitted revision with Apter Power.
sales13@apterpower.com | +86 18030235313

Technical basis: GE Fanuc 6-inch QuickPanel View Hardware User's Guide, GFK-2326, May 2004

Other General Electric references

Catalog navigation only; confirm each complete model for its own installation.

General Electric 369-HI-R-0-0-0-0-E	View product reference
General Electric 750-P5-G5-S5-HI-A1-R-E	View product reference
General Electric 531X307LTBAKG1	View product reference