GE FANUC FIELD CONTROL EXACT-MODEL PRODUCT

IC670MDL641

IC670MDL641 provides sixteen 48 VDC discrete inputs in one group and can be wired for positive or negative logic. All points in the group must use the same logic orientation.

PRODUCT FAMILY	PRODUCT TYPE
Field Control	**48 VDC 16-Point Positive/Negative Discrete Input Module**

Exact model configuration

CONFIGURATION FIELD	VERIFIED VALUE / CHECK
Displayed model	**IC670MDL641**
Manufacturer	**GE Fanuc**
Product family	**Field Control**
Product type	**48 VDC 16-Point Positive/Negative Discrete Input Module**
Input points	**16 in one group**
Rated voltage	**48 VDC**
Input range	**0 to 60 VDC**
Input current	**2.5 mA per point at 48 VDC**
On-state voltage	**±34 to ±60 VDC**
Off-state voltage	**0 to ±10 VDC**
BIU current	**83 mA maximum**
Response	**6 ms on typical; 6 ms off typical**
Isolation	**1500 VAC for 1 minute; 250 VAC continuous**
Country of origin	**USA**

Application fit

- Use only in a documented compatible GE Fanuc Field Control station.
- Match the exact catalog number, terminal block, BIU revision, field supply and saved I/O configuration before replacement.
- Remove field power where required, preserve channel wiring, and complete point-by-point commissioning before return to service.

PRODUCT-SPECIFIC REFERENCE	INSTALLATION NOTE
IC670MDL641 sixteen-point 48 VDC positive/negative logic input module.	Confirm one logic orientation for all sixteen points, common wiring, thresholds and field supply polarity.

MODEL-SPECIFIC ENGINEERING REFERENCE

Before ordering IC670MDL641

Use this page as a controlled procurement checklist. It does not replace the manufacturer instruction sheet, wiring drawing, approval certificate, or site safety procedure.

Ordering limits and selected values

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Procurement checklist

- Photograph the complete IC670MDL641 nameplate and hardware revision.
- Record the installed terminal block, BIU, slot and field-power arrangement.
- Back up the applicable I/O configuration, channel map, alarms and defaults.
- Verify wiring, polarity, isolation boundaries, grounding and protective devices.
- Commission every affected point and retain the signed test record.

DIRECT SALES INQUIRY

Send the full model **IC670MDL641**, quantity, delivery country, and a clear nameplate or installed-module photo.

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Source and document status

Technical basis	GE Fanuc Field Control I/O Modules User's Manual GFK-0826J (June 2002).
Publisher	Moore Automation - independent industrial automation supplier.
Document status	Independent product manual; not a manufacturer-issued datasheet, conformity certificate, or calibration certificate.
Important	Verify the complete nameplate, suffix, carrier or terminal hardware, wiring, approvals, and installed-system compatibility before ordering.