GE FANUC FIELD CONTROL EXACT-MODEL PRODUCT

IC670MDL644

IC670MDL644 provides sixteen fast 24 VDC discrete inputs in one group for positive- or negative-logic operation. Its microsecond-scale response requires careful wiring and commissioning against the actual machine timing.

PRODUCT FAMILY	PRODUCT TYPE
Field Control	**24 VDC 16-Point Positive/Negative Fast Input Module**

Exact model configuration

CONFIGURATION FIELD	VERIFIED VALUE / CHECK
Displayed model	**IC670MDL644**
Manufacturer	**GE Fanuc**
Product family	**Field Control**
Product type	**24 VDC 16-Point Positive/Negative Fast Input Module**
Input points	**16 in one group**
Rated voltage	**24 VDC**
Input range	**0 to 30 VDC**
Input current	**8 mA per point at 24 VDC**
On-state voltage	**±15 to ±30 VDC**
Off-state voltage	**0 to ±5 VDC**
BIU current	**80 mA**
Response	**25 µs on typical; 100 µs 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
IC670MDL644 sixteen-point fast 24 VDC positive/negative input module.	Confirm logic polarity, common wiring, signal pulse width, filtering and timing in the control application.

MODEL-SPECIFIC ENGINEERING REFERENCE

Before ordering IC670MDL644

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 IC670MDL644 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 **IC670MDL644**, 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.