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GE FANUC FIELD CONTROL EXACT-MODEL PRODUCT

IC670MDL643

IC670MDL643 provides sixteen low-voltage DC inputs arranged in two groups of eight. Each group may use positive or negative logic and may be supplied at a different supported logic level.

PRODUCT FAMILY	PRODUCT TYPE
Field Control	**5/12 VDC 16-Point Positive/Negative Discrete Input Module**

Exact model configuration

CONFIGURATION FIELD	VERIFIED VALUE / CHECK
Displayed model	**IC670MDL643**
Manufacturer	**GE Fanuc**
Product family	**Field Control**
Product type	**5/12 VDC 16-Point Positive/Negative Discrete Input Module**
Input points	**16; two groups of 8**
Rated voltage	**5/12 VDC**
Input range	**0 to 15 VDC**
Input current	**5 mA at 5 VDC; 15 mA at 15 VDC typical**
On-state voltage	**±3.6 to ±15 VDC**
Off-state voltage	**0 to ±1.6 VDC**
BIU current	**80 mA maximum**
Response	**300 µs on typical; 1 ms off typical**
Group isolation	**150 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
IC670MDL643 sixteen inputs in two separately configurable eight-point groups.	Confirm each group's voltage and polarity, common wiring, temperature derating and point map.

MODEL-SPECIFIC ENGINEERING REFERENCE

Before ordering IC670MDL643

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 IC670MDL643 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 **IC670MDL643**, 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.