FIELD CONTROL

Product Data Sheet

IC670MDL640

16-point 24 V DC positive/negative input module

INPUT POINTS	INPUT LOGIC	NOMINAL INPUT	INPUT RANGE
16	**Positive or negative logic**	**24 V DC**	**0 to 30 V DC**

GE Fanuc IC670MDL640 is a 16-point 24 V DC positive/negative input module for the Field Control platform. It provides the documented electrical, communication or control role defined for this exact article and revision.

01 VERIFIED TECHNICAL DATA

Input points	16
Input logic	Positive or negative logic
Nominal input	24 V DC
Input range	0 to 30 V DC
Positive ON state	15 to 30 V DC
Negative ON state	-15 to -30 V DC
Positive OFF state	0 to 5 V DC
Negative OFF state	0 to -5 V DC
User input current	7.5 mA per point at 24 V DC
Input impedance	3 kilohms typical

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Response time	6 ms typical; 10 ms maximum
BIU current	83 mA maximum
Field-to-logic isolation	250 V AC continuous

03 DOCUMENTED USE SETTINGS

Pulp and Paper Manufacturing Infrastructure: Pulp and fiber production across paper mill sites.

Marine Transport and Port Infrastructure Sectors: Commercial shipbuilding and vessel repair across coastal regions.

Enterprise and Cloud Data Center Infrastructure: Enterprise data center facilities across business technology campuses.

04 SYSTEM COMPATIBILITY

IC670MDL640 provides the documented function of a 16-point 24 V DC positive/negative input module in the Field Control platform. Match the complete article and revision with the host architecture before engineering approval.

05 PRODUCT EVIDENCE

GE Fanuc Field Control I/O Modules User's Manual GFK-0826J

AMIKON PRODUCT SUPPORT

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