GE Field Control Series Service Manual

IC670MDD441

1. Description

In Stock! Mixed Discrete Module, 24VDC 10 in/6 out w/ESCP GE Fanuc Field Control IC670MDD The IC670MDD441 mixed I/O module from GE Fanuc is a Field Control I/O module with 10 inputs and 6 outputs. It operates on DC voltage. Technical specifications for IC670MDD441

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**Field Control**
Part	**Number IC670MDD441**
Product	**Type Mixed I/O Module**
Number	**of Inputs 10**
Number	**of Outputs 6**
Voltage	**Type DC**
I/O	**Type Discrete**
Short	**Circuit Protection Supported**
Electronic	**Overcurrent Protection Supported Description**
The	**GE Fanuc IC670MDD441 I/O module is a mixed I/O module from the GE Field Control series that comes with 6 outputs and 10 inputs for a total of 16 I/O. The IC670MDD441 I/O module is a DC module that operates on 24 Volts DC. The input and output circuits are all discrete I/O and they share a common line. All 6 of the outputs have short circuit protection and electronic overcurrent protection, and they can send out an alarm if a short circuit or electronic overcurrent situation occurs. In the event of a fault, the output experiencing the fault will shut off and the fault will be reported to the system's BIU or Bus Interface Unit.**

3. Product Information

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Series Field Control

Part Number IC670MDD441

Product Type Mixed I/O Module

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Number of Outputs 6

Voltage Type DC

I/O Type Discrete

Short Circuit Protection Supported

Electronic Overcurrent Protection Supported Description

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The system's BIU also provides the power to the GE Field Control IC670MDD441 I/O module. The switches that power the loads in this system need an external source of DC power, however. The green LEDs on the side of the IC670MDD441 I/O module light up when their corresponding inputs are powered on. The bi-color LEDs on the side of the module light up green when their corresponding outputs are powered on and they glow orange when their corresponding outputs are experiencing faults. The "PWR" LED glows green when the IC670MDD441 I/O module has logic and user power and it is off of the module has no power. The module's on-state voltage range is 15 to 30 Volts DC and its off-state voltage range is 0 to 5 Volts DC.