GE Series 90-30 Series Service Manual

IC693MDL640

1. Description

The GE Fanuc IC693MDL640 discrete input module operates with positive logic. It comes with 16 inputs and an overall voltage rating of 24 Volts DC.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL640**
Type	**Input module**
Logic	**Positive**
Rated	**voltage 24 VDC**
Input	**Voltage 0 to 30 VDC**
Inputs	**16**
Isolation	**1500 Volts RMS between field side and logic side**
Input	**current 15 to 30 VDC**
Power	**Consumption 5-120 Volts**
LEDs	**16**
Response	**time 7 ms typical**
The	**IC693MDL640 module is a discrete input module that has been included in Series 90-30 that is manufactured by GE Fanuc. This module has been designed to provide an interface between different compatible PLCs and the external devices that are required so that the existent equipment can operate and handle their designated applications properly. These external devices are usually input devices such as sensors. This specific discrete input module operates with positive logic and it includes 16 different inputs. Due to its logic, the GE Fanuc IC693MDL640 discrete input module needs to be wired positively. It is also required that the power be supplied by the users so the module can operate pro**

3. Product Information

The GE Fanuc IC693MDL640 discrete input module operates with positive logic. It comes with 16 inputs and an overall voltage rating of 24 Volts DC.

Technical specifications for IC693MDL640

Brand GE Fanuc

Series Series 90-30

Part Number IC693MDL640

Type Input module

Logic Positive

Rated voltage 24 VDC

Input Voltage 0 to 30 VDC

Inputs 16

Isolation 1500 Volts RMS between field side and logic side

Input current 15 to 30 VDC

Power Consumption 5-120 Volts

LEDs 16

Response time 7 ms typical

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The isolation rating of the IC693MDL640 module is 1500 Volts RMS between the field side and the logic side. The module has an input current of 7.5 milliamps at the rated voltage. The GE Fanuc IC693MDL640 discrete input module has a power consumption rating of 5 to 120 milliamps and it can withstand an operating temperature of 0 to 60 degrees Celsius and a humidity level of 5 to 95 percent without condensation. The module has a response time of 7 milliseconds typical and it comes with 1 LED per input that indicates whether the input is on or off and the current status of it. The on-state current of the module is 4 milliamps. These specifications need to be compatible with both the whole PLC and the other equipment that is going to be connected to it to guarantee smooth operations.