GE Series 90-30 Series Service Manual

IC693MDL632

1. Description

The GE Fanuc IC693MDL632 module is a positive/negative logic input module manufactured as part of the GE Series 90-30 product line. It has a rated voltage of 125 Volts DC and it comes with 8 separate input points.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL632**
Product	**Type Input Module**
Logic	**Positive/Negative**
Rated	**Voltage 125 Volts DC**
Input	**Voltage Range 0 to 150 Volts DC**
Inputs	**8**
Isolation	**between field side and logic side 1500 Volts**
Isolation	**between groups 500 Volts**
On-State	**Voltage 90 to 150 Volts DC**
Off-State	**Voltage 0 to 30 Volts DC**
On-State	**Current 3.1 mA**
The	**IC693MDL632 positive/negative logic input module has a rated voltage of 125 Volts DC, and it is manufactured as part of the GE Series 90-30 PLC product line. It features 8 separate input points distributed evenly into 2 isolated groups, with each group having commons. These commons are not tied together or connected in the body of the module. This module is compatible with the Series 90-30 PLCs or Programmable Logic Controllers and it can be used after installing the module in a 5-slot or 10-slot I/O baseplate. To run the field devices, the users of the IC693MDL632 module must supply the power to**

3. Product Information

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Technical specifications for IC693MDL632

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Series Series 90-30

Part Number IC693MDL632

Product Type Input Module

Logic Positive/Negative

Rated Voltage 125 Volts DC

Input Voltage Range 0 to 150 Volts DC

Inputs 8

Isolation between field side and logic side 1500 Volts

Isolation between groups 500 Volts

On-State Voltage 90 to 150 Volts DC

Off-State Voltage 0 to 30 Volts DC

On-State Current 3.1 mA

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The GE Fanuc IC693MDL632 logic input module comes with either positive or negative logic characteristics depending on the design. The module can sink current to the operator's common or negative power bus from the input device's positive logic. The IC693MDL632 module can also get its current from an input device, and then send it to positive power bus's negative logic. At the top of this module, there is an LED block that has several indicators in 2 horizontal rows. The module has only 8 input points, and it uses the top row of LEDs to show the status of all 8 of these points such as the "ON" or "OFF" status of each point. This module features a hinged door and an insert between the inner and outer door surfaces.