GE Series 90-30 Series Service Manual

IC693MDL643

1. Description

The GE Fanuc Automation IC693MDL643 fast and positive input module comes with 16 input points. It includes its own connector that consists of a terminal block.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL643**
Type	**Input module**
Logic	**Negative**
Rated	**voltage 24 VDC**
Input	**Voltage 0 to 30 VDC**
Inputs	**16**
Input	**current 15 to 30 VDC**
Power	**Consumption 80 mA at 5 VDC and 125 mA at 24 V DC**
LEDs	**16**
Response	**time 7 ms typical**
Terminal	**block Yes**
The	**IC693MDL643 input module is a fast and positive input module that has been designed by GE Fanuc Automation and included in Series 90-30 of the GE PLC and I/O Systems. These series include both the whole PLCs and all the accessories required to create a system. This specific module comes with 16 points and it includes a voltage rating of 24 Volts DC. The GE Fanuc Automation IC693MDL643 fast and positive input module is a discrete input module that operates with a power type of 0 to 30 Volts DC and an input current of 7 milliamps. Note that positive modules generally have a voltage that is more positive at its high level than for its low level. This module is used to provide an interface between the PLC**

3. Product Information

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Technical specifications for IC693MDL643

Brand GE Fanuc

Series Series 90-30

Part Number IC693MDL643

Type Input module

Logic Negative

Rated voltage 24 VDC

Input Voltage 0 to 30 VDC

Inputs 16

Input current 15 to 30 VDC

Power Consumption 80 mA at 5 VDC and 125 mA at 24 V DC

LEDs 16

Response time 7 ms typical

Terminal block Yes

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The GE Fanuc Automation IC693MDL643 fast and positive input module has a response time of 7 milliseconds when switching from on to off and from off to on. This module has a trigger voltage of 11.5 to 30 Volts DC. The 16 input points on this module share a power module, and this means that each one of these points shares its power source. The GE Fanuc Automation IC693MDL643 fast and positive input module comes with a terminal block that is secured with the 20 installation screws. This block is the connector type that comes with the module. This module has an internal power of 80 milliamps of current at 5 Volts DC and 125 milliamps of current at 24 Volts DC. This module includes 1 LED indicator for each of its points.