GE Series 90-30 Series Service Manual

IC693MDL231

1. Description

The GE Fanuc IC693MDL231 isolated input module is manufactured by the GE Intelligent Platforms/GE Fanuc as part of Series 90-30. This module has a voltage rating of 240 Volts AC. It is suitable for use with the Series 90-30 Programmable Logic Controllers.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL231**
Product	**Type Isolated Input Module**
Voltage	**240 V AC**
Inputs	**8**
Frequency	**50/60 Hz**
Input	**Current at a Rated Voltage 15 mA**
Isolation	**between field side and logic side 1500 V RMS**
AC	**Power Yes**
DC	**Power No**
LED	**Indicators 8**
The	**IC693MDL231 isolated input module is a product of the GE Intelligent Platforms/GE Fanuc. It belongs to the Series 90-30 product line and it operates on a voltage of 240 Volts AC. This module is well-matched with the GE Series 90-30 PLCs. This input module comprises 8 isolated input points, with each point having a single power input terminal. It has input properties that make it best for use with different input devices which can be operated with the IC693MDL231 module due to its input features. These devices include electronic proximity switches, limit switches, and pushbuttons which can be operated when the users supply an external source of power. This input module does not use DC pow**

3. Product Information

The GE Fanuc IC693MDL231 isolated input module is manufactured by the GE Intelligent Platforms/GE Fanuc as part of Series 90-30. This module has a voltage rating of 240 Volts AC. It is suitable for use with the Series 90-30 Programmable Logic Controllers.

Technical specifications for IC693MDL231

Brand GE Intelligent Platforms/GE Fanuc

Series Series 90-30

Part Number IC693MDL231

Product Type Isolated Input Module

Voltage 240 V AC

Inputs 8

Frequency 50/60 Hz

Input Current at a Rated Voltage 15 mA

Isolation between field side and logic side 1500 V RMS

AC Power Yes

DC Power No

LED Indicators 8

The IC693MDL231 isolated input module is a product of the GE Intelligent Platforms/GE Fanuc. It belongs to the Series 90-30 product line and it operates on a voltage of 240 Volts AC. This module is well-matched with the GE Series 90-30 PLCs. This input module comprises 8 isolated input points, with each point having a single power input terminal. It has input properties that make it best for use with different input devices which can be operated with the IC693MDL231 module due to its input features. These devices include electronic proximity switches, limit switches, and pushbuttons which can be operated when the users supply an external source of power. This input module does not use DC power because it is an AC module.

The GE Fanuc IC693MDL231 input module, like many other Series 90-30 modules, features an LED block located on the top of this device. This module comes with 8 LEDs in a single row that show the "ON" and "OFF" status for input points 1 to 8. It also has a door panel on the front that allows for an insert between the interior and exterior surfaces. The outer surface of the insert records the information on circuit identification whenever the door closes. Additionally, there will be circuit wiring information on the interior surface of the insert. The insert comes with a red edge, which indicates that the IC693MDL231 module is a high-voltage device. The operators of this module have the ability to install an input module in any of the 5-slot or 10-slot baseplates of the Series 90-30 PLC by using the input and output slots.