GE Series 90-30 Series Service Manual

IC693MDL230

1. Description

The GE Fanuc IC693MDL230 isolated input module is manufactured by GE Intelligent Platforms/GE Fanuc as a member of the Series 90-30 product family. It operates on 120 Volts AC voltage and it is intended for use with the Series 90-30 Programmable Logic Controller (PLC) system.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL230Â**
Product	**Type Â Isolated Input Module**
Voltage	**120 V AC**
Inputs	**8**
Frequency	**50/60 Hertz**
Input	**Current at a Rated Speed 14.5 mA**
Isolation	**between field side and logic side 1500 V RMS**
AC	**Power Yes**
DC	**Power No**
Compatible	**with Programmable Logic Controllers**
LED	**Indicators 8**
The	**GE Fanuc IC693MDL230 module is an isolated input module manufactured as part of Series 90-30. It has a 120 Volts AC voltage rating and is designed to work with the GE Fanuc Series 90-30 Programmable Logic Controller (PLC) system. The module comes with one common power input terminal that provides power for all 8 of the input points. All the points are isolated, and the input circuits are reactive inputs. With its input characteristics, this module is compatible with various input devices. For instance, the users can run this module by using pushbuttons, limit switches, or electronic proximity switches. However, the users must supply th**

3. Product Information

The GE Fanuc IC693MDL230 isolated input module is manufactured by GE Intelligent Platforms/GE Fanuc as a member of the Series 90-30 product family. It operates on 120 Volts AC voltage and it is intended for use with the Series 90-30 Programmable Logic Controller (PLC) system.

Technical specifications for IC693MDL230

Brand GE Intelligent Platforms/GE Fanuc

Series Series 90-30

Part Number IC693MDL230Â

Product Type Â Isolated Input Module

Voltage 120 V AC

Inputs 8

Frequency 50/60 Hertz

Input Current at a Rated Speed 14.5 mA

Isolation between field side and logic side 1500 V RMS

AC Power Yes

DC Power No

Compatible with Programmable Logic Controllers

LED Indicators 8

The GE Fanuc IC693MDL230 module is an isolated input module manufactured as part of Series 90-30. It has a 120 Volts AC voltage rating and is designed to work with the GE Fanuc Series 90-30 Programmable Logic Controller (PLC) system. The module comes with one common power input terminal that provides power for all 8 of the input points. All the points are isolated, and the input circuits are reactive inputs. With its input characteristics, this module is compatible with various input devices. For instance, the users can run this module by using pushbuttons, limit switches, or electronic proximity switches. However, the users must supply the external power source for the module to be able to operate these devices. This module uses the AC power because DC sources of power do not work with it.

The IC693MDL230 module comes with an LED block on top of the unit that hosts one row of 8 LED points that show the status of each of the 8 input points. These LED indicators turn green when the module is in normal operation and red when there is a system fault. This module has a hinged door with a door card that can slip through the gap whenever the door closes. The outer surface of this card can record the circuit identification information. The card comes with red edge striping which means that the module is a high voltage device.

The operators can install the IC693MDL230 AC isolated input module in any of the baseplates I/O slots in the Series 90-30 Programmable Logic Controller system that hosts it.