GE Series 90-30 Series Service Manual

IC693MDL731

1. Description

The IC693MDL731 module is a GE Fanuc discrete output module. The IC693MDL731 module is classified as a Series 90-30 PLC component.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL731**
Power	**Type DC**
Output	**voltage Range 12 to 24 Volts DC**
Load	**Current per Point 2.0 A**
Response	**Time (ms) 2 milliseconds**
Points	**per Common 8**
Output	**Type Transistor**
Polarity	**Negative**
Product	**Lifecycle Status* Discontinued/Obsolete**
The	**IC693MDL731 module is a discrete output module manufactured by GE Fanuc. The IC693MDL731 module features 8 circuit outputs and it is a 12 to 24 Volts DC rated discrete output module. The module comes with DC power and the output voltage range is 12 to 24 Volts DC. The unit comes with 2.0 Amps of load current per point and it features 2 milliseconds response time when turning ON or OFF. The IC693MDL731 module features the transistor output type while the polarity is rated as negative. The component features 8 points per common and the connector type is a terminal block with 20 screws per module. The internal power is 55 milliamps at 5 Volts DC. The input voltage range is rated at 24 Volts DC while the on**

3. Product Information

The IC693MDL731 module is a GE Fanuc discrete output module. The IC693MDL731 module is classified as a Series 90-30 PLC component.

Technical specifications for IC693MDL731

Brand GE Fanuc

Series Series 90-30

Part Number IC693MDL731

Power Type DC

Output voltage Range 12 to 24 Volts DC

Load Current per Point 2.0 A

Response Time (ms) 2 milliseconds

Points per Common 8

Output Type Transistor

Polarity Negative

Product Lifecycle Status* Discontinued/Obsolete

The IC693MDL731 module is a discrete output module manufactured by GE Fanuc. The IC693MDL731 module features 8 circuit outputs and it is a 12 to 24 Volts DC rated discrete output module. The module comes with DC power and the output voltage range is 12 to 24 Volts DC. The unit comes with 2.0 Amps of load current per point and it features 2 milliseconds response time when turning ON or OFF. The IC693MDL731 module features the transistor output type while the polarity is rated as negative. The component features 8 points per common and the connector type is a terminal block with 20 screws per module. The internal power is 55 milliamps at 5 Volts DC. The input voltage range is rated at 24 Volts DC while the on-state voltage is 15 Volts DC minimum. The component features an off-state voltage of 6 Volts DC maximum while the on-state current is 4.5 milliamps minimum. The GE Fanuc IC693MDL731 module should always be mounted safely and the installers should ensure that it is istalled in the proper protective enclosure. Moreover, the unit should make use of the application program in order to run properly, and the installers should also ensure proper grounding. The ground conductors should always be connected in a tree fashion, with the branches routed to the central earth ground points. Moreover, the ground conductors should be as short and as large in size as possible. The IC693MDL731 module features an aluminum PLC baseplate which is used for module shield grounding. The CPUs in the PLC with external port connections must have a separate shield ground connection to ensure the proper shielding of the ports.