GE Series 90-70 Series Service Manual

IC697MDL652

1. Description

The positive/negative logic input module that is known as the IC697MDL652 module is designed and manufactured by GE Fanuc and it is part of GE Series 90-70. The module has 32 input points and a rated voltage of 12 Volts DC. The module has an input current of 4.7 milliAmps and an input voltage range of -2.5 to 15 Volts DC.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697MDL652**
Rated	**voltage 12 Volts DC**
Input	**current 4.7 milliAmps**
Input	**voltage range -2.5 to 15 Volts DC**
Required	**current 0.3 Amps**
Number	**of inputs 32**
Isolation	**voltage 1500 Volts**
ON-state	**voltage 7.5 to 15 Volts**
OFF-state	**voltage 0 to 2.5 Volts**
ON-state	**current 6 to 15 milliAmps**
OFF-state	**current 0 to 2.5 milliAmps**
The	**IC697MDL652 module is a type of positive/negative logic input module that is made by GE Fanuc. This module is available through Series 90-70 and it requires a current rating of 0.3 Amps. The rated voltage of the module is 12 Volts DC and its input current is 4.7 milliAmps. The IC697MDL652 module comes with faceplate LED indicators for status updates and it features a selectable input filter option. The users can choose either 1 millisecond or 10 milliseconds-rated input filters. Other features include use with proximity switches, positive/negative logic compatibility, interrupt single input, different configuration options**

3. Product Information

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Technical specifications for IC697MDL652

Brand GE Fanuc

Series Series 90-70

Part Number IC697MDL652

Rated voltage 12 Volts DC

Input current 4.7 milliAmps

Input voltage range -2.5 to 15 Volts DC

Required current 0.3 Amps

Number of inputs 32

Isolation voltage 1500 Volts

ON-state voltage 7.5 to 15 Volts

OFF-state voltage 0 to 2.5 Volts

ON-state current 6 to 15 milliAmps

OFF-state current 0 to 2.5 milliAmps

The IC697MDL652 module is a type of positive/negative logic input module that is made by GE Fanuc. This module is available through Series 90-70 and it requires a current rating of 0.3 Amps. The rated voltage of the module is 12 Volts DC and its input current is 4.7 milliAmps. The IC697MDL652 module comes with faceplate LED indicators for status updates and it features a selectable input filter option. The users can choose either 1 millisecond or 10 milliseconds-rated input filters. Other features include use with proximity switches, positive/negative logic compatibility, interrupt single input, different configuration options, high performance with industrial components such as programmable logic controllers, limit and selector switches, and pushbuttons.

The IC697MDL652 module offers 32 input points arranged in 4 groups of 8. All input points are completely controlled by the module and the module is perfectly compatible with many PLC devices from the series. The IC697MDL652 module has an input voltage range of -2.5 to 15 Volts DC and it is designed for systems connected to DC power sources. The module has an isolation voltage of 1500 Volts for backplane inputs and 500 Volts for input groups. The typical impedance for the input of the module is 1.12 kiloohms. In regard to the other input characteristics, the IC697MDL652 module has an on-state voltage of 7.5 to 15 Volts and an off-state voltage of 0 to 2.5 Volts. In addition to that, the on-state current of the unit is 6 to 16 milliAmps while its off-state current is 0 to 2.5 milliAmps. The module is made according to VME (standard C.1) and it is a highly reliable component that operates as part of complex industrial systems.