GE Series 90-70 Series Service Manual

IC697MDL651

1. Description

The IC697MDL651 module is a discrete input module by GE Fanuc. The module is part of Series 90-70 and it features 32 inputs. The unit has a rated voltage of 5 Volts DC and it requires a current of 0.53 Amps. The module has an on-state current of 1.7 milliAmps and an off-state current of 1.1 milliAmps.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697MDL651**
Rated	**voltage 5 Volts DC**
Input	**voltage range -3 to 7 Volts DC**
Required	**current 0.53 Amps**
Number	**of inputs per module 32**
Cable	**length 30 meters (98.4 feet) maximum**
Isolation	**voltage 1500 Volts**
ON-state	**voltage -3 to 0.5 Volts**
OFF-state	**voltage 2 to 7 Volts**
ON-state	**current (typical) 1.7 milliAmps**
OFF-state	**current (maximum) 1.1 milliAmps**
The	**IC697MDL651 module is a discrete input module made for industrial systems constructed from a variety of components that operate on high level. The module is produced by GE Fanuc and it is intended for use with programmable controller units from Series 90-70. The IC697MDL651 module has TTL compatible input points that are completely independent and that are equipped with filter option. The users can choose a filter with a value of 1 millisecond or 10 milliseconds, depending on the application requirements. In addition to that, the inputs have pullup resistors that do not require power and the**

3. Product Information

The IC697MDL651 module is a discrete input module by GE Fanuc. The module is part of Series 90-70 and it features 32 inputs. The unit has a rated voltage of 5 Volts DC and it requires a current of 0.53 Amps. The module has an on-state current of 1.7 milliAmps and an off-state current of 1.1 milliAmps.

Technical specifications for IC697MDL651

Brand GE Fanuc

Series Series 90-70

Part Number IC697MDL651

Rated voltage 5 Volts DC

Input voltage range -3 to 7 Volts DC

Required current 0.53 Amps

Number of inputs per module 32

Cable length 30 meters (98.4 feet) maximum

Isolation voltage 1500 Volts

ON-state voltage -3 to 0.5 Volts

OFF-state voltage 2 to 7 Volts

ON-state current (typical) 1.7 milliAmps

OFF-state current (maximum) 1.1 milliAmps

The IC697MDL651 module is a discrete input module made for industrial systems constructed from a variety of components that operate on high level. The module is produced by GE Fanuc and it is intended for use with programmable controller units from Series 90-70. The IC697MDL651 module has TTL compatible input points that are completely independent and that are equipped with filter option. The users can choose a filter with a value of 1 millisecond or 10 milliseconds, depending on the application requirements. In addition to that, the inputs have pullup resistors that do not require power and the module has LED status indicators. There are 32 inputs available per module and the cable that is used can have a maximum length of 30 meters (98.4 feet).

The IC697MDL651 module requires a voltage of 5 Volts DC and its voltage range is from -3 to 7 Volts DC. In addition to that, the input characteristics of the module include an impedance of 5.9 kiloohms with a deviation of plus or minus 5%, along with an on-state voltage range of -3 to 0.5 Volts. The off-state voltage is 2 to 7 Volts. The IC697MDL651 module has a typical on-state current of 1.7 milliAmps at the rated voltage and a maximum off-state current of 1.1 milliAmps. The module requires 0.53 Amps of current from 5 Volts bus voltage and it is designed according to VME standard (C.1). The configuration of the IC697MDL651 module can be achieved through software that runs on either the Windows or MS-DOS operating system. The configuration is done through the Ethernet TCP/IP or SNP port.