GE Series 90-70 Series Service Manual

IC697MDL252

1. Description

The GE Fanuc IC697MDL252 discrete input module is manufactured as a part of GE Series 90-70. This module features 4 isolated groups with 8 points each for a total of 32 points. It also has an input filter of 20 milliseconds and is compatible with the proximity switches.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697MDL252**
Product	**Type Discrete Input Module**
Rated	**Voltage 12 V AC**
Inputs	**32**
Input	**Current 10 mA**
Required	**Current 0.30 A**
Frequency	**47-63 Hz**
DC	**Power No**
AC	**Power Yes**
LED	**Indicators Yes**
The	**IC697MDL252 discrete input module is a product of GE Fanuc. This module belongs to GE Series 90-70. Some of the notable features of this module include 4 individual groups of 8 input points for a total of 32 points. It has 20 milliseconds of input filter time and it is also compatible with the proximity switches. It runs on 12 Volts AC voltage and it works with various input devices, such as the limit switch, pushbuttons, selector switches, and the electronic 2-wire or 3-wire proximity switches. Since the IC697MDL252 input module features isolated input points, with each one on a distinct AC supply phase, it has a resistive input which adheres to the IEC standard type 1 requirements and has current-voltage characteristics. This**

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Technical specifications for IC697MDL252

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The GE Fanuc IC697MDL252 Series 90-70 input module is tuned automatically, thus ensuring that its eventual replacement with a corresponding module type is done appropriately. The operators of this module can configure the input and output references without using DIP switches or jumpers. This configuration is done through the Windows programming software or the MS-DOS software which operates on Windows NT or Windows 95 via the Ethernet TCP/IP or the SNP port. The configuration function software is already installed on the device. The GE Fanuc IC697MDL252 input module has an input circuitry that offers sufficient current for guaranteeing the reliable and steady operation of the switching device. It comes with 10 milliamps of input current in the on-state and also accepts 2 milliamps of leakage current at maximum in the off-state without being switched on.