GE Series 90-70 Series Service Manual

IC697MDL253

1. Description

The GE Fanuc IC697MDL253 input module is manufactured as part of GE Series 90-70. This module runs on a voltage of 24 Volts AC and comes with 32 input points divided into 4 groups of 8 points.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697MDL253**
Brand	**GE Intelligent Platforms/GE Fanuc**
Product	**Type Input Module**
Rated	**Voltage 24 V AC**
Inputs	**32**
Input	**Current 10 mA**
Current	**Required 0.30 A**
Frequency	**47-63 Hz**
DC	**Power No**
AC	**Power Yes**
LED	**Indicators Yes**
The	**IC697MDL253 input module is manufactured by GE Fanuc and it belongs to Series 90-70. It operates on a voltage rating of 24 Volts AC and it has 32 input points in 4 isolated groups of 8 input points each. This allows for the use of every group on various AC supply phases. Some notable features of the IC697MDL253 input module include a 20-microsecond filter and it is compatible with proximity switches. This is a resistive input module that delivers 24 Volts AC to all 32 points in the 4 isolated groups. This input module has characteristics that are well-matched with different types of proximity switches. Also, the module comes with LED indicators that display the on and off status of every input point. It is mechanically key**

3. Product Information

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Technical specifications for IC697MDL253

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Series Series 90-70

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Product Type Input Module

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The GE Fanuc IC697MDL253 input module does not need DIP switches or jumpers for configuration. The configuration depends on the Windows NT or Windows 95 operating systems or the MS-DOS software through the SNP or TCP/IP port. Its programming software is preinstalled on the programming device. The GE Fanuc IC697MDL253 input module works with a wide range of input devices like the electronic 2-wire or 3-wire proximity switches, limit switches, and selector switches. It has 10 milliamps of input current in the on-state with a 2 milliamps leakage current in the off-state. The 3-wire proximity switches are preferred for this module because they offer low on-state voltage drops and low off-state current leakage. The GE Fanuc IC697MDL253 input module is designed and intended to work with the 2-wire devices, including the 2-wire proximity switches that are powered by the signal connections.