GE Series 90-70 Series Service Manual

IC697MDL250

1. Description

The GE Fanuc IC697MDL250 discrete input module is part of Series 90-70. This module features 32 input points arranged in 4 isolated groups that each consist of 8 points which can be applied to different phases of the AC supply phase voltage.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697MDL250**
Product	**Type Discrete Input Module**
Rated	**Voltage 120 V AC**
Number	**of Inputs 32**
Input	**Current 10 mA**
Required	**Current 0.35 A**
Frequency	**60 Hz**
DC	**Power No**
AC	**Power Yes**
LED	**indicators Yes**
The	**GE Fanuc IC697MDL250 Discrete Input Module belongs to Series 90-70. This module has 32 input points in 4 isolated groups with each group consisting of 8 points that can be applied to various AC supply phases. The IC697MDL250 Input Module operates on a voltage of 120 Volts AC with an input filter time of 20 milliseconds. It has a reactive input that complies with the IEC standard Type 2 requirements, and the input characteristics are well-matched with a variety of proximity switches. The module has LED indicators for showing the on and the off status for each point on the PLC side. These indicators are on the top of this input module. This GE Fanuc module is mechanically tuned to provide easy appropriate replacements with**

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Technical specifications for IC697MDL250

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Series Series 90-70

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The configuration of the GE Fanuc Series 90-70 IC697MDL250 Discrete Input Module is done with the Windows OS or MS-DOS operating system and the configuration function is already preinstalled on the module. The IC697MDL250 Discrete Input Module is flexible and it can be used with a wide range of input devices, for instance, selector switches, pushbuttons, electronic 2-wire or 3-wire type proximity switches, and limit switches. It comes with an input circuitry that allows for a low dissipation of heat which further helps with the longevity and extreme reliability of the device. The IC697MDL250 Input Module features a mechanical key that is designed to prevent the accidental replacement of the types of modules that are in a specific slot. Below the connector is a uniquely shaped spot under the board in which the key fits.