GE Series 90-70 Series Service Manual

IC697MDL650

1. Description

The IC697MDL650 Positive Logic Input Module is a product of GE Fanuc and part of Series 90-70. This module comes with 32 points and has a rated voltage of 24 Volts DC.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697MDL650**
Product	**Type Input Module**
Rated	**Voltage 24 V DC**
Inputs	**32**
Input	**Current at Rated Voltage 10 mA**
Current	**Required 0.3 A**
Input	**Voltage Range -3 to 30 V DC**
DC	**Power Yes**
AC	**Power No**
LED	**Indicators Yes**
The	**GE Fanuc IC697MDL650 Positive Logic Input Module is manufactured as part of GE Series 90-70. It has 32 input points with a power rating of 24 Volts DC. This module provides a total of 32 input points grouped in 4 different sets that each have 8 points. It features I/O references that are different because they are user-configurable without the need for DIP switches or jumpers. The programming device is preinstalled with the IC641 Programming Software to enhance the configuration. Some of the programming devices that can be used with the IC697MDL650 Input Module include a compatible PC, IBM, XT, or an IC640/7 industrial computer. Some notable features include a selectable input filter and a compatible proxi**

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Technical specifications for IC697MDL650

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Series Series 90-70

Part Number IC697MDL650

Product Type Input Module

Rated Voltage 24 V DC

Inputs 32

Input Current at Rated Voltage 10 mA

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DC Power Yes

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The GE Fanuc Series 90-70 IC697MDL650 Input Module comes with LED indicators on the faceplate which show the operators the on and off status for each point on the PLC side. These lights also turn off when the module runs into an error, and the LEDs also serve as adjusting aids. The IC697MDL650 Input Module has positive logic characteristics, and therefore, its source of current is the input device to the negative power bus or the common user device. It is compatible with various devices, including limit switches, pushbuttons, selector switches, and electronic 2-wire and 3-wire proximity switches. The output of the GE Fanuc PLC Positive Logic Output Module can help drive the inputs directly into the IC697MDL650 Input Module.