GE Series 90-30 Series Service Manual

IC693MDL750

1. Description

The IC693MDL750 module is a digital I/O module. It is designed for the GE Fanuc Series 90-30 PLCs..

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL750**
Product	**type Digital I/O**
Output	**points 32**
LED	**indicators No**
Output	**connections 50-pin connector**
Voltage	**rating 12/24 Volts DC**
Module	**current draw 21 milliamps**
Peak	**per point current output 0.3 Amps**
Peak	**common current output 2 Amps**
Product	**Lifecycle Status* Discontinued/Obsolete**
The	**IC693MDL750 module is a 32-point I/O module. It is part of a series of digital I/O modules from GE Fanuc which are designed for use with the Series 90-30 programmable logic controllers. The IC693MDL750 module can be installed in any slot on a Series 90-30 PLC which has a 5 slot or a 10-slot baseplate. There are no LED indicators on the module. Connections from output circuits can be made to output devices through a 50-pin connector that is mounted on the front of the IC693MDL750 module. The output characteristics of the IC693MDL750 module are compatible with multiple user devices such as motor starters and indicators. Power for the user devices must**

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Technical specifications for IC693MDL750

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Series Series 90-30

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Product type Digital I/O

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LED indicators No

Output connections 50-pin connector

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The IC693MDL750 module sinks current from the user loads to the negative power bus or to the user common and the IC693MDL750 module therefore has negative logic characteristics. The maximum current drawn by the IC693MDL750 module is 21 milliamps (with all the outputs on) from the 5 Volts DC rated bus on the PLC backplane. The maximum output current per point is 0.3 Amps. The maximum output current per common is 2 Amps at 140 degrees Fahrenheit. The value of the peak output voltage drop is 0.24 Volts. GE Faunc recommends storing unused IC693MDL750 modules at an ambient temperature ranging from -40 to 185 degrees Fahrenheit. An enclosure with an IP 54 rating should be used for housing the baseplate with the IC693MDL750 module.