GE Series 90-30 Series Service Manual

IC693MDL748

1. Description

The GE Fanuc IC693MDL748 module is a digital I/O module. There are 8 ouput points on the IC693MDL748 I/O module.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL748**
Product	**type Digital I/O**
Compatibility	**GE Fanuc 90-30 PLCs**
Output	**points 8**
Current	**output per point 0.5 Amps**
Module	**current draw 110 milliamps**
Module	**voltage input 5 Volts DC**
Fuses	**2**
Fuse	**rating 3.15 Amps**
Product	**Lifecycle Status* Discontinued/Obsolete**
The	**IC693MDL748 I/O module is a GE Fanuc positive logic digital I/O module. The IC693MDL748 positive logic digital I/O module can be installed in GE Series 90-30 PLCs and it offers 8 output points with a 24 to 48 Volts DC output voltage range. The load current per point is 0.5 Amps. The module consumes 110 milliamps at 50 Volts DC. The output type is the transistor output type and the polarity is positive. There are 8 output points per common. The connector type on the IC693MDL748 positive logic digital I/O module is a terminal block with 20 screws which is included with the module. The terminal board on the IC693MDL748 positive logic digital I/O module is equipped with holding s**

3. Product Information

The GE Fanuc IC693MDL748 module is a digital I/O module. There are 8 ouput points on the IC693MDL748 I/O module.

Technical specifications for IC693MDL748

Brand GE Fanuc

Series Series 90-30

Part Number IC693MDL748

Product type Digital I/O

Compatibility GE Fanuc 90-30 PLCs

Output points 8

Current output per point 0.5 Amps

Module current draw 110 milliamps

Module voltage input 5 Volts DC

Fuses 2

Fuse rating 3.15 Amps

Product Lifecycle Status* Discontinued/Obsolete

The IC693MDL748 I/O module is a GE Fanuc positive logic digital I/O module. The IC693MDL748 positive logic digital I/O module can be installed in GE Series 90-30 PLCs and it offers 8 output points with a 24 to 48 Volts DC output voltage range. The load current per point is 0.5 Amps. The module consumes 110 milliamps at 50 Volts DC. The output type is the transistor output type and the polarity is positive. There are 8 output points per common. The connector type on the IC693MDL748 positive logic digital I/O module is a terminal block with 20 screws which is included with the module. The terminal board on the IC693MDL748 positive logic digital I/O module is equipped with holding screws. In applications where the PLC is subjected to high levels of vibration, these screws help to protect the terminal board-to-module connections against deterioration.

To remove terminal boards on the IC693MDL748 positive logic digital I/O module, first the holding screws on the front of the board should be loosened, and then the standard IC693 terminal board removal procedure should be followed. To install terminal boards, the standard IC693 terminal board installation procedure should be followed and then the holding screws should be tightened to 8 to 10 pounds on an inch of torque. There are 2 fuses on the IC693MDL748 positive logic digital I/O module which measure 5 x 20 millimeters and the fuses are rated for 3.15 Amps. Replacement fuses can be ordered if necessary. The equivalent Littlefuse and Bussman part numbers are 2173.15 and GDB-3.15A, respectively. At 50 Volts DC supply voltage, the operating temperature range for the 8 output points on the module is 0 to 60 degrees Celsius. At 60 Volts DC supply voltage, the operating temperature range forthe 8 output points is 0 to 50 degrees Celsius.