GE Series 90-30 Series Service Manual

IC693MDL754

1. Description

The GE Fanuc IC693MDL754 module is a ESCP positive logic output module. The 32 output points on the module are divided into 2 groups of 16.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL754**
Product	**type Digital I/O**
Compatibility	**GE Fanuc 90-30 PLCs**
Output	**points 32**
Output	**groups 2**
Output	**point peak current 0.75 Amps**
Module	**current draw 300 milliamps**
Module	**voltage input 5 Volts DC**
Module	**configuration DIP switch**
Product	**Lifecycle Status* Discontinued/Obsolete**
The	**IC693MDL754 output module is a 12 to 24 Volts DC and 0.75 Amps rated positive logic output module. The IC693MDL754 output module provides 32 outputs arranged in 2 isolated groups of 16 outputs, with each group having its own common. The module outputs are sourcing-type outputs which means that they supply current to the connected loads and the switch loads on the positive side. Each output can source a maximum current of 0.75 Amps. Each output point on the IC693MDL754 output module supports overcurrent and short-circuit protection. A fault is generated if an overcurrent or short-circuiting occurs and a fault signal is sent to the CPU. Additionall,y DIP sw**

3. Product Information

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Technical specifications for IC693MDL754

Brand GE Fanuc

Series Series 90-30

Part Number IC693MDL754

Product type Digital I/O

Compatibility GE Fanuc 90-30 PLCs

Output points 32

Output groups 2

Output point peak current 0.75 Amps

Module current draw 300 milliamps

Module voltage input 5 Volts DC

Module configuration DIP switch

Product Lifecycle Status* Discontinued/Obsolete

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The IC693MDL754 output module can be installed in a PAXSystem RX3i system or a Series 90-30 PLC. The power consumption for the module is 300 milliamps of current at 5 Volts DC bus voltage on the system backplane. At 24 Volts DC, there is no thermal derating. However, at 30 Volts DC, the outputs are derated at temperatures above 104 degrees Fahrenheit.

The rated inrush current for the IC693MDL754 output module is 3 Amps without the ESCP trip. The typical steady-state overcurrent trip is 5 Amps per point. The working temperature range for the IC693MDL754 output module is 32 to 140 degrees Fahrenheit. Unused IC693MDL754 modules should be stored in a location where the ambient temperature is maintained between -40 to 185 degrees Fahrenheit. There are 2 DIP switches on the back side of the module. The DIP switch configuration must match the module’s software configuration.