GE Series 90-30 Series Service Manual

IC693MDL760

1. Description

The GE Fanuc IC693MDL760 module is an digital output module. The IC693MDL760 output module also provides 11 pneumatic outputs and five 24 Volts rated outputs.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL760**
Product	**type Digital I/O**
Compatibility	**GE Fanuc 90-30 PLCs**
24	**Volts DC outputs 5**
Pneumatic	**outputs 11**
Peak	**supply pressure 100 PSI**
LED	**indicators Yes**
Module	**peak current draw 75 milliamps**
Peak	**operating temperature 45 degrees Celsius**
Product	**Lifecycle Status* Discontinued/Obsolete**
The	**GE Fanuc IC693MDL760 output module is a solenoid valve output module. It provides five 24 Volts DC rated sourcing outputs and 11 pneumatic outputs. Each pneumatic output on the IC693MDL760 output module has an internal 3-way solenoid-actuated valve with the associated output fitting on the module's front panel. When an output goes into the ON state, its corresponding valve connects a user-provided pressure source rated at a maximum of 100 PSI to the output fitting. This pressure source connects to a fitting that is located on the bottom side of the module. When an output goes into the OFF state, the output port on the respective valve is vented. A**

3. Product Information

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Technical specifications for IC693MDL760

Brand GE Fanuc

Series Series 90-30

Part Number IC693MDL760

Product type Digital I/O

Compatibility GE Fanuc 90-30 PLCs

24 Volts DC outputs 5

Pneumatic outputs 11

Peak supply pressure 100 PSI

LED indicators Yes

Module peak current draw 75 milliamps

Peak operating temperature 45 degrees Celsius

Product Lifecycle Status* Discontinued/Obsolete

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There pneumatic outputs on the IC693MDL760 output module are all grounded and the range of external solenoid power is 21.6 to 26.4 Volts DC. The inrush current and holding current for the solenoid are 33 milliamps per valve and 13 milliamps per valve, respectively, at 24 Volts DC. The maximum values for the off and on response times are 12 milliseconds each. One LED indicator is provided per output point to indicate if the output is ON or OFF. The LED power indicator indicates if the solenoid power is available. The maximum operating temperature for the IC693MDL760 output module is 45 degrees Celsius. The maximum value of the backplane current is 75 milliamps. At 30 degrees Celsius, all the pneumatic outputs can be continuously on, but at 40 degrees Celsius, only 6 pneumatic outputs can be continuously on, and at 45 degrees Celsius, only 4 pneumatic outputs can be continuously on.