GE Series 90-30 Series Service Manual

IC693MDL330

1. Description

The GE Fanuc IC693MDL330 output module is manufactured by GE Intelligent Platforms/GE Fanuc. This module belongs to GE Series 90-30 and operates on 120 to 240 Volts AC voltage with a current rating of 2 Amps. It comes with 2 isolated groups of 4 output points for a total of 8 output points.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MDL330Â**
Product	**Type Output Module**
Rated	**Voltage 120 to 240 V AC**
Output	**Voltage Range 85 to 264 V AC**
Outputs	**8**
Isolation	**between field side and logic side 1500 V**
Max.	**Inrush Current Per Cycle 20 A**
Minimum	**Load Current 100 mA**
Max.	**Output Voltage Drop 1.5 V**
Output	**Current Per Point 2 A**
The	**IC693MDL330 module is an output module and a product of the GE Intelligent Platforms/GE Fanuc. It belongs to Series 90-30. It has a voltage rating of 120 to 240 Volts AC with 2 Amps of current. This module has 4 output points in each of the 2 isolated groups for a total of 8 outpoints. The 2 commons in the groups are not connected to the IC693MDL330 module. Therefore, each group can perform on completely separate AC-supplied phases, but they can also run on the same power supply. Each group comes with a protection fuse rated at 5 Amps for each common, and each output has an RC snubber to protect it from the transient electrica**

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Technical specifications for IC693MDL330

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Series Series 90-30

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Outputs 8

Isolation between field side and logic side 1500 V

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Output Current Per Point 2 A

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The GE Fanuc IC693MDL330 module offers a high level of inrush current (about 10 times the rated current and a maximum of 20 Amps per cycle, thus making the outputs best for use in the control of incandescent as well as inductive loads). It comes with a minimum load current of 100 milliamps. The IC693MDL330 module does not support DC power, and the users are required to provide AC power for the loads connected to the outputs. This module comes with LED indicators, which display the "ON" and "OFF" status for every point. Additionally, it features 2 horizontal rows with 8 green LEDs each and one additional red LED placed between the 2 rows. The 8 upper LEDs are marked A1 to A8, and they are used to indicate the output status. The red "F" LED turns on in case of a blown fuse.