GE Series 90-30 Series Service Manual

IC693MDL350

1. Description

The GE Fanuc IC693MDL350 module is an isolated output module manufactured as part of the GE Intelligent Platforms/GE Fanuc Series 90-30. This module operates on 120 to 240 volts AC voltage and it has 16 isolated output points. Brand GE Intelligent Platforms/GE Fanuc

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Series Series 90-30

Part Number IC693MDL350

Product Type Output Module

Voltage Rating 120 to 240 V AC

Output Voltage Range 74 to 265 V AC

Frequency 50 to 60 Hz

Nominal Output Voltage 120 to 240 V AC

Outputs 16

Field to Backplane Isolation 250 V AC continuous; 1500 VAC for 1 minute

Group to Group Isolation 250 V AC continuous; 1500 VAC for 1 minute

Max. Inrush Current per Cycle 20 Amps

Minimum Load Current per Point 10 mA The GE Fanuc IC693MDL350 module is a 16-point isolated output module manufactured as part of Series 90-30 of the GE PLCs (Programmable Logic Controllers.) It operates on a voltage rating of 120 to 240 Volts AC and it provides 16 separate isolated points. This module is designed for use with an AC power source when running the output loads. The IC693MDL350 module has an output current rating of 2 Amps per point, with a power consumption of approximately 315 milliamps at 5 Volts bus voltage. It comes with a DIP switch placed at the back that helps in determining how the CPU operates when it is stopped. This switch is specially designed for selecting the default mode. There are 2 DIP switches on the module, but only the upper one is used. This switch can turn off of the output whenever communication with the CPU is lost. The switch will alwats be in the righthand position when that happens. When the switch is in the lefthand position, the module output maintains the programmed value.

When the GE Fanuc Series 90-30 IC693MDL350 16-point isolated output module is in operation, the appropriate external fuses should be used to prevent short-circuiting. This module features LED indicators that show the presence of a detachable terminal block. The indicator glows green when the terminal block is connected and it glows red when the terminal block is removed. The IC693MDL350 module provides high-level noise immunity to protect the outputs against electrical noise, thus minimizing the need for using an external snubbe. The output of the GE Fanuc Series 90-30 IC693MDL350 module makes an impact on several inductive or incandescent loads.