GE Series 90-30 Series Service Manual

IC693MAR590

1. Description

The IC693MAR590 moudle is a GE Fanuc input/relay output module that has an input voltage of 120 Volts AC. The unit has 8 input channels and 8 output channels. The module is compatible with PLC components from GE Series 90-30 and it features inputs that are grouped together along with 2 groups of output points.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693MAR590**
Number	**of channels 8 inputs/8 outputs**
Rated	**input voltage 0 to 132 Volts AC**
Rated	**output voltage 5 to 30 Volts DC / 5 to 250 Volts AC**
Isolation	**voltage 1500 Volts RMS between field and logic side / 500 Volts RMS between inputs**
Maximum	**output load 2 Amps**
Maximum	**inrush 5 Amps**
Response	**time 15 milliseconds**
Power	**consumption 80 milliAmps from 5 Volts DC / 70 milli Amps from relay 24 Volts DC**
ON-state	**voltage 74 to 132 Volts AC**
OFF-state	**voltage 0 to 20 Volts AC**
ON-state	**current 6 milliAmps**
OFF-state	**current 2.2 milliAmps for the duration of 30 milliseconds**
The	**GE Series 90-30 IC693MAR590 industrial module is designed for use with the GE Series 90-30 programmable logic controllers and it provides 8 input points along with 8 output points. This input and relay output module is made by GE Fanuc and it operates on an input voltage range of 0 to 132 Volts AC. In addition to that, the unit has a rated output voltage of 5 to 30 Volts DC**

3. Product Information

The IC693MAR590 moudle is a GE Fanuc input/relay output module that has an input voltage of 120 Volts AC. The unit has 8 input channels and 8 output channels. The module is compatible with PLC components from GE Series 90-30 and it features inputs that are grouped together along with 2 groups of output points.

Technical specifications for IC693MAR590

Brand GE Fanuc

Series Series 90-30

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Rated output voltage 5 to 30 Volts DC / 5 to 250 Volts AC

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ON-state voltage 74 to 132 Volts AC

OFF-state voltage 0 to 20 Volts AC

ON-state current 6 milliAmps

OFF-state current 2.2 milliAmps for the duration of 30 milliseconds

The GE Series 90-30 IC693MAR590 industrial module is designed for use with the GE Series 90-30 programmable logic controllers and it provides 8 input points along with 8 output points. This input and relay output module is made by GE Fanuc and it operates on an input voltage range of 0 to 132 Volts AC. In addition to that, the unit has a rated output voltage of 5 to 30 Volts DC or 5 to 250 Volts AC. The IC693MAR590 module provides features like load device control, LED indicators, control of the circuit wiring and identification, support for either a 5-slot or 10-slot baseplate, a response time of 15 milliseconds, and many more.

The 120 Volts AC IC693MAR590 module has an isolation voltage of 1500 Volts RMS between the field and logic side and 500 Volts RMS between inputs. The maximum inrush current of the module is 5 Amps and its maximum output load is 2 Amps. The maximum power consumption rating is 80 milliAmps of current at 5 Volts DC and 70 milliAmps of relay current of 24 Volts DC. In addition to that, the IC693MAR590 module has an on-state voltage of 74 to 132 Volts AC and an off-state voltage of 0 to 20 Volts AC. The on-state current is 6 milliAmps while the off-state current is 2.2 milliAmps for 30 milliseconds. The high-voltage IC693MAR590 module is equipped with a protective door that holds a card for data recording. The module can be installed into any I/O slot and it can be used to control switches, buttons, and limit switches. The typical response when the module is turned on is 30 milliseconds, and it is 45 milliseconds when the module is turned off.