GE Versamax Series Service Manual

IC200ALG328

1. Description

The GE Fanuc Automation IC200ALG328 Versamax I/O module has an update rate of 15 milliseconds maximum. It requires thermal derating to operate properly.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200ALG328**
Type	**Output module**
Channels	**12 single-ended**
LED	**Two**
Isolation	**250VAC continuous; 1500VAC for 1 minute**
Backplane	**Current Consumption 550mA max. at 5V output**
Voltage	**Range 18 to 30 Volts DC**
Resolution	**13 bits**
Update	**Rate 15 ms maximum**
Output	**Default Configurable**
Diagnostics	**Yes**
Thermal	**Derating Yes**
The	**IC200ALG328 module is a Versamax I/O module that has been designed and manufactured by GE Fanuc Automation. This particular module provides 12 outputs. These outputs are the analog current-sourcing types of outputs and they can operate within a current range of 4 to 20 milliamps. The module comes with 20.38 milliamps of current per channel to drive the output loads, although the channels require an external power supply so they can operate properly. The channels of the GE Fanuc Automation IC200ALG328 Versamax I/O module can be scaled with the channels from the IC200ALG326 module since the characteristics are similar and compatible. The**

3. Product Information

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Technical specifications for IC200ALG328

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Series Versamax

Part Number IC200ALG328

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LED Two

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The GE Fanuc Automation IC200ALG328 Versamax I/O module has thermal derating only when it is being used at 30 Volts DC and placed in a certain position on the DIN rail. This derating will also depend on the ambient air temperature that is present. The GE Fanuc Automation IC200ALG328 Versamax I/O module has a voltage rating of 18 to 30 Volts DC and current consumption rating of 2 Amps of inrush current and a consumption rating of 100 milliamps when there are no loads and one of 270 milliamps when using all 12 outputs at full scale. The resolution of the module is 13 bits and the accuracy rating reaches up to 1 percent. The module comes with 2 LED indicators and with diagnostic tools and it can be hot-inserted, but this needs to be done carefully to preserve all the components in both the rack and the module.