# GE Versamax Series Service Manual

IC200ALG432

## 1. Description

The IC200ALG432 module is an analog module with mixed inputs. It has been manufactured by GE Fanuc as a Versamax module.

## 2. Specifications

| Specification | Value |
|---|---|
| Brand | **GE Fanuc** |
| Series | **Versamax** |
| Part | **Number IC200ALG432** |
| Description | **Analog mixed module** |
| Voltage | **10 Volts DC** |
| Update | **rate 0.4 milliseconds** |
| Response | **Time 5 milliseconds** |
| Power | **Consumption 160 milliamperes** |
| Accuracy | **at 25 degrees Celsius +/- 0.3% of full scale** |
| Accuracy | **at 60 degrees Celsius +/- 1% maximum** |
| Common | **Mode Voltage 0 Volts** |
| Resolution | **8 counts** |
| The | **GE Fanuc IC200ALG432 module is a mixed analog module that runs with a 10 Volts DC supply. It is a 12 bit module that is equipped with 4 channels and 2 output channels. The update rate time of the analog module is 0.4 milliseconds and the response time of the input is 5 milliseconds. This analog module needs an external power supply to power the outputs. The inputs of the module are powered from an external source for the transceiver. A CPU is present in the module that processes the operations. The front of the IC200ALG432 module has LED indicators that shows the flow of power and backplane current. No thermal derating occurs in this mixed** |

## 3. Product Information

The IC200ALG432 module is an analog module with mixed inputs. It has been manufactured by GE Fanuc as a Versamax module.

Technical specifications for IC200ALG432

Brand GE Fanuc

Series Versamax

Part Number IC200ALG432

Description Analog mixed module

Voltage 10 Volts DC

Update rate 0.4 milliseconds

Response Time 5 milliseconds

Power Consumption 160 milliamperes

Accuracy at 25 degrees Celsius +/- 0.3% of full scale

Accuracy at 60 degrees Celsius +/- 1% maximum

Common Mode Voltage 0 Volts

Resolution 8 counts

The GE Fanuc IC200ALG432 module is a mixed analog module that runs with a 10 Volts DC supply. It is a 12 bit module that is equipped with 4 channels and 2 output channels. The update rate time of the analog module is 0.4 milliseconds and the response time of the input is 5 milliseconds. This analog module needs an external power supply to power the outputs. The inputs of the module are powered from an external source for the transceiver. A CPU is present in the module that processes the operations. The front of the IC200ALG432 module has LED indicators that shows the flow of power and backplane current. No thermal derating occurs in this mixed module. The IC200ALG432 module consumes a total of 160 milliamps of current for regular operation that includes the load current. The diagnosis features of the module help to detect the loss of the user side power.

The GE Fanuc IC200ALG432 module comes with configurable alarms that can be set for different events. During the installation process, the module should be protected against traces of electromagnetic noise and airborne pollutants. The temperature of the installation area should not exceed 60 degrees Celsius. The accuracy of the module depends on the ambient temperature. At 25 degrees Celsius, it has +/-0.3% of the full scale accuracy, and at 60 degrees Celsius, it has +/-1% maximum accuracy. The IC200ALG432 module comes with a resolution of 8 counts. The common mode voltage of the module is 0 Volts. The IC200ALG432 module consumes 60 milliamps of current from the bus running with a 5 Volts power supply.