GE Genius I-O Series Service Manual

IC660EBA025

1. Description

GENIUS Electronic Assembly for BBA025 24/48VDC Outp (EBA Only) IC6603E IC660EB IC660EBA The GE Fanuc Automation IC660EBA025 electronic assembly includes all the electronic components that enable the correct functioning of the whole output block. Its power supply voltage range is 18 to 56 Volts DC. Technical specifications for IC660EBA025

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660EBA025**
Type	**Electronic Assembly**
Main	**equipment Analog output block**
Power	**supply voltage 18-56V DC**
Maximum	**current 600 mA**
Ripple	**10% max.**
Accuracy	**0.15% full scale reading at 25 degrees Celsius**
Resolution	**6 uA**
Update	**frequency 25 ms**
Diagnostics	**Yes**
Heat	**Dissipation 12 Watts maximum Description**
The	**IC660EBA025 electronic assembly is an electronic assembly that is meant to operate with an analog output block that has been manufactured and designed by GE Fanuc Automation. This electronic assembly can be used with blocks that operate with a voltage of 24 to 48 Volts DC. This assembly includes all the electronic parts that the block requires to operate properly. This assembly also includes overload protection and electronic fusing. Blocks from this series can shut circuits down within 5 microseconds after detecting the fault, and this is more effective than using thermal fuses. The GE Fanuc Automation IC660EBA025 electronic assembly comes wit**

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The GE Fanuc Automation IC660EBA025 electronic assembly operates with a power supply voltage of 18 to 56 Volts DC, a maximum current of 600 milliamps, and a ripple of 10 percent maximum. The output signal characteristics of the GE Fanuc Automation IC660EBA025 electronic assembly include an accuracy rating of 0.15 percent at a temperature of 25 degrees Celsius and an update frequency of 25 milliseconds. The block also comes with diagnostic tools that check for underrange, overrange, and feedback errors. This assembly operates at a temperature range of 0 to 60 degrees Celsius and a relative humidity level of 5 to 95 percent, non-condensing. These temperature and humidity conditions need to be met, otherwise the consistent operation of the block cannot be guaranteed.