GE Genius I-O Series Service Manual

IC660EBA027

1. Description

GENIUS Genius Block (EBA Only) IC660EBA IC660EBA IC660EBA IC660EBA IC660EBA IC660EBA The GE Fanuc Automation IC660EBA027 input block component provides the electronics assembly for a complete input block. This assembly contains all the electronic parts and circuitry required so that the block can operate. Technical specifications for IC660EBA027

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660EBA027**
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 Â°C**
Resolution	**6 uA**
Update	**frequency 25 ms**
Diagnostics	**Yes**
Heat	**Dissipation 12 Watts maximum Description**
The	**IC660EBA027 input block electronics assembly is an I/O block component whose purpose is to be used along with a terminal assembly to be an I/O block from the Genius I/O series by GE Fanuc Automation. These input blocks are primarily used to work as a bridge in a PLC and connect controllers to different devices with a signal between 4 and 20 milliamps. This specific electronics assembly comes with all the circuits, wirings, and parts required for the whole I/O block to operate. When it comes to its structure, the GE Fanuc Automation IC660EBA027 input block electronics assembly weighs 1.8 kilograms and includes 2 different LED indicators. These LEDs show the**

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The GE Fanuc Automation IC660EBA027 input block electronics assembly has a heat dissipation rating of 12 Watts and a group to group isolation rating of 1500V RMS and a nominal block power of 115 to 125 Volts DC and of 4 to 24 Volts DC. This block electronics assembly has an input resolution of 1 uA and an input conversion time of 16.6 milliseconds to 400 milliseconds. The GE Fanuc Automation IC660EBA027 input block electronics assembly has a thermal drift of 70 PPM per degree Celsius and an input impedance of 100 Ohms +/- 5%. The electronics assembly can operate at a temperature of 0 to 60 degrees Celsius and at vibrations of 5 to 10 Hertz. The block can function properly by using a frequency of 47 to 63 Hertz and a ripple of 10 percent maximum.