GE Genius I-O Series Service Manual

IC660EBA106

1. Description

GENIUS Electronic Assembly for BBA106 (EBA Only) 115Vac/125Vdc IC660E IC660EB IC660EBA The GE Fanuc Automation IC660EBA106 input block component is a current source input block electronics assembly that comes with different features, including diagnostic tools and fault alarms. Each of its 6 outputs is rated at 4 to 20 milliamps. Technical specifications for IC660EBA106

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660EBA106**
Type	**Electronic Assembly**
Main	**equipment Analog output block**
Power	**supply voltage 93-132V AC and 105-145V DC**
Maximum	**current 250 mA (AC) and 140 mA (dc)**
Frequency	**47-63 Hz**
Ripple	**10% max.**
Accuracy	**0.15% full scale reading at 25 Â°C**
Thermal	**drift 70 PPM per degrees Celsius**
Diagnostics	**Yes**
Operating	**temperature 0-60 degrees Celsius Description**
The	**IC660EBA106 input block component is a current source input block component that includes just an electronics assembly. This electronics assembly belongs to the GE Genius I/O series and it has been designed and manufactured by GE Fanuc Automation. This electronics assembly is used to attach a controller to different devices that provide different kinds of signals. These signals are analog signals and they range from 4 milliamps to 20 milliamps. This block electronics assembly provides 6 outputs that are rated to support those signals and to provide a current loop that is isolated from the**

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The GE Fanuc Automation IC660EBA106 electronics assembly is a current source input block electronics assembly that has different features such as the ability to scale circuit values to engineering values, CPU redundancy, and an improvement in the input conversion time. These features help the circuits to have better operation in conjunction with the different devices attached to them. The GE Fanuc Automation IC660EBA106 current source input block electronics assembly has a fault reporting feature that includes different kinds of low and high alarms. These fault reports also include input overrange and underrange reports and an alarm for when the input current drops below 2 milliamps. The software of the GE Fanuc Automation IC660EBA106 electronics assembly will depend on the equipment that is used. It requires a hand-held monitor by default and if it is going to be used with GE Series 5 and 6 PLCs, it needs the Logicmaster software from version 4.02 and 2.01 or later to operate properly.