GE Genius I-O Series Service Manual

IC660EBS102

1. Description

GENIUS Electronic Assembly for BBS102 (EBS Only) GE IC660BBS102 IC660E IC660EB IC660EBS The GE Fanuc IC660EBS102 electronics assembly is manufactured by GE Fanuc Automation. It is part of the Genius I/O block product line and it has 4 separate I/O groups with 2 groups I/O circuits each. The block runs on a nominal voltage of 125 Volts DC or 115 Volts AC. Technical specifications for IC660EBS102

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660EBS102Â**
Product	**Line Genius I/O**
Produt	**Type Electronics Assembly**
Nominal	**Voltage 115 V AC/125 V DC**
Frequency	**47 to 63 Hz**
Operating	**Voltage 93 to 132 V AC/105 to 132 V DC**
Required	**Control Power 8 W**
Operating	**Temperature 0 to 60 degrees Celsius**
Storage	**Temperature -40 to 100 degrees Celsius**
Humidity	**5 to 95 percent (non-condensing)**
DC	**Power Yes**
AC	**Power Yes Description**
The	**GE Fanuc IC660EBS102 electronics assembly is an electronics assembly manufactured by GE Fanuc Automation as part of the Genius I/O block series. This unit is an isolated Genius I/O block electronics assembly with 4 separate groups of 2 input and output circuits each that are rated to run at a nominal voltage of 115 Volts AC or 125 Volts DC, which means the block and the electronics assembly support both AC and DC power. The isolated groups are configured to tolerate a voltage of 250 Volts AC or DC between any ground and between any group or betw**

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The GE Fanuc IC660EBS102 electronics assembly connects with different terminals that are made for the different internal electronic sources. It also features a power supply that can independently work as a DC or AC supply, and it does not need to be powered like the circuits are powered. The GE Fanuc IC660EBS102 electronics assembly comes with a wide range of features that make it unique and able to provide excellent performance. Some of these features include the AC and DC circuit voltage, CPU redundancy type, output pulse test capability, output hold last state, output power up defaults, and the bus switching module control. The IC660EBS102 electronics assembly has features such as a selectable input filter time of 10 to 100 milliseconds. The electronic fusing of this electronics assembly is built into each of the circuits that are used as outputs. When a short circuit occurs, the circuit shuts down after a duration of 5 microseconds.