GE Genius I-O Series Service Manual

IC660EBS103

1. Description

GENIUS Electronic Assembly for BBS103 (EBS Only) GE IC660BBS103 IC660E IC660EB IC660EBS The GE Fanuc IC660EBS103 PCI interface card for the Genius LAN interface is manufactured by GE Intelligent Platforms/Fanuc Automation. This block is part of the Genius I/O block series and has 4 power sources with a voltage rating of 93 to 132 Volts AC or 105 to 132 Volts DC, and a frequency 47 to 63 Hertz. Technical specifications for IC660EBS103

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/Rockwell Automation**
Series	**Genius I-O**
Part	**Number IC660EBS103**
Product	**Line Genius I/O**
Product	**Type PCI interface card for Genius LAN interface**
Weight	**1.8 kg (4lbs)**
Block	**to Block Isolation 1500 V**
Operating	**Temperature 0 to 60 degrees Celsius**
Storage	**Temperature -40 to 100 degrees Celsius**
Frequency	**47 to 63 Hz**
Humidity	**5 to 95 percent (non-condensing)**
Selectable	**Input Filter Time 10 to 100 mS in 10 mS**
Power	**Supply Dropout Time 1 Cycle**
AC	**Power Yes**
DC	**Power Yes Description**
The	**IC660EBS103 interface card is a PCI interface card for a Genius LAN interface and it is manufactured by GE Fanuc Automation as part of the Genius I/O block series. This block has a 4-source operating voltage of 93 to 132 Volts AC or 105 to 132 Volts DC, a frequency 47 to 63 Hertz, and 8 Watts of required control power at maximum. The IC660EBS103 interface card has dimensions of 8.83 x 3.50 x 3.94 inches and a weight of approximately 4 pounds or 1.8 kilograms. Other specifications incl**

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Weight 1.8 kg (4lbs)

Block to Block Isolation 1500 V

Operating Temperature 0 to 60 degrees Celsius

Storage Temperature -40 to 100 degrees Celsius

Frequency 47 to 63 Hz

Humidity 5 to 95 percent (non-condensing)

Selectable Input Filter Time 10 to 100 mS in 10 mS

Power Supply Dropout Time 1 Cycle

AC Power Yes

DC Power Yes Description

The IC660EBS103 interface card is a PCI interface card for a Genius LAN interface and it is manufactured by GE Fanuc Automation as part of the Genius I/O block series. This block has a 4-source operating voltage of 93 to 132 Volts AC or 105 to 132 Volts DC, a frequency 47 to 63 Hertz, and 8 Watts of required control power at maximum. The IC660EBS103 interface card has dimensions of 8.83 x 3.50 x 3.94 inches and a weight of approximately 4 pounds or 1.8 kilograms. Other specifications include the "Unit OK" LED, the "I/O Enabled" LED, an LED assigned to each circuit, and a block to block isolation rating of 1500 Volts. It also has a heat dissipation rating of 16.8 Watts at maximum with 8 inputs and a maximum rating of 45.6 Watts maximum with 8 outputs rated at 2 Amps.

The GE Fanuc IC660EBS103 interface card has an operating temperature range of 0 to 60 degrees Celsius and a storage temperature range of -40 to 100 degrees Celsius, and it can tolerate 5 to 95 percent non-condensing relative humidity. The GE Fanuc IC660EBS103 block features a circuit LED on each circuit. When the circuit is configured as an input, its LED indicator shows the available threshold voltage at the input terminal, and this LED indicates the CPU commanded state when the circuit is configured as an output. The IC660EBS103 interface card is an isolated device with 4 different I/O circuit groups and with each of the circuits rated to run at a nominal voltage of 125 Volts DC or 115 Volts DC. This unit is flexible and it supports configuration as an output-only block, an input-only block, or as a combination block. When the users purchase a new block, it comes configured as an input-only block.