GE Versamax Series Service Manual

IC200BEM103

1. Description

The GE Fanuc IC200BEM103 Versamax module is a network interface module. It can support up to 40 slave devices.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200BEM103**
Description	**Network interface module**
Slave	**Device 40**
Data	**Rate 125/250/500 K baud**
Power	**Consumption 140 milliamperes**
Data	**Exchange 512 bytes input/output**
Module	**Support 64 nodes without bridging**
Data	**Size 0-8 bytes**
Temperature	**0-60 degrees Celsius**
The	**GE IC200BEM103 module is a network interface module. It can support up to 128 bytes of input and output data. It uses the 5-pin open connector for making connections. The module supports different data rates of 125, 250, and 500 Kbaud. It consumes 140 milliamps of current from the 5 Volts output for the backplane, and 125 milliamps maximum for DeviceNet. The module is able to exchange 512 bytes of both input and output data with other networks. The network module can support up to 40 slave devices at a time. The latch present in the module should be in the unlocked position during the installation. The connectors and the latch should be aligned and pushed until a click sound is produc**

3. Product Information

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Technical specifications for IC200BEM103

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Series Versamax

Part Number IC200BEM103

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Slave Device 40

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Module Support 64 nodes without bridging

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The IC200BEM103 module has been designed to operate in a Class I Division 2 rated environment. The module does not support redundancy setups. It uses 24 Volts DC voltage to power the network for the node devices. The IC200BEM103 module comes with LED indicators on the front panel that illuminate when communication activity takes place. It has an "OK" LED, "MOD" LED, and a "NET" LED indicator for communication on the DeviceNet network. It operates in 3 different modes. The module can be configured as a generic communication module. The IC200BEM103 module features duplicate address detection. The module has a data size between 0 and 8 bytes for message fragmentation. The environmental temperature should be set between 0 and 60 degrees Celsius for normal operation. It uses shielded pair cable with a wire drain in center and drain wire with 19 strands.