GE Series 90-30 Series Service Manual

IC693BEM321

1. Description

The GE Fanuc IC693BEM321 I/O Link Master Module can be connected with up to 16 I/O link slave modules in order to form a proprietary GE Fanuc link for monitoring and controlling complex processes needing a high response velocity. As many as 1024 inputs and 1024 outputs can be handled from a single master module, making it an ideal solution for adding processing power to

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693BEM321**
Module	**Type I/O Link Interface**
Number	**of Slots 1 (single slot)**
Backplane	**Support Universal Backplane**
Input	**Points 1024**
Output	**Points 1024**
Available	**connector 20-pin Honda socket**
PLCs	**supported GE Fanuc Series 90-30 and 90-70 series**
Max	**Number of Slaves 16**
The	**GE Fanuc IC693BEM321 I/O Link Master Module Card, as the name suggests, is a serial interface card that links the inputs received from up to 16 slave modules into the GE Fanuc Series 90-30 PLC systems serving as a gateway between those slave modules and the systems' CPUs. Up to 1K (1024), digital inputs can be received in a single GE Fanuc IC693BEM321 I/O Link Master Module Card, producing 1K of digital outputs to transmit command responses to field actuators. The configuration of this interface card is done through a hand-held GE Fanuc programmer or by using proprietary software.**

3. Product Information

The GE Fanuc IC693BEM321 I/O Link Master Module can be connected with up to 16 I/O link slave modules in order to form a proprietary GE Fanuc link for monitoring and controlling complex processes needing a high response velocity. As many as 1024 inputs and 1024 outputs can be handled from a single master module, making it an ideal solution for adding processing power to

Technical specifications for IC693BEM321

Brand GE Fanuc

Series Series 90-30

Part Number IC693BEM321

Module Type I/O Link Interface

Number of Slots 1 (single slot)

Backplane Support Universal Backplane

Input Points 1024

Output Points 1024

Available connector 20-pin Honda socket

PLCs supported GE Fanuc Series 90-30 and 90-70 series

Max Number of Slaves 16

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Like the majority of the accessory modules from GE Fanuc, the IC693BEM321 I/O Link Master Module Card can be inserted in any available slot in a GE Fanuc PLC from the Series 90-30 and 90-70 product lines. A total of 6 master modules can be inserted in a GE Fanuc PLC baseplate at the same time, with each of them representing an independent I/O link to control a specific sector or part. The 5 Volts DC power source for the GE Fanuc IC693BEM321 I/O Link Master Module Card is taken directly from the baseplate connection, and the field devices connected in the link must be powered independently. The serial communication protocols RS-422 and RS-485 are supported, using the same 20-pin Honda socket placed at the front side of the module. Three status LEDs are used to reflect the state of operation of the I/O Link Interface Card. A reset button in the module will turn the whole link on and off when pressed and it is used for clearing any faults present in the system.