GE Series 90-30 Series Service Manual

IC693BEM320

1. Description

The GE Fanuc IC693BEM320 I/O Link Module is a serial interface device that permits the connection of up to 64 I/O points in GE Fanuc Series 90-30 or 90-70 Programmable Logic Controllers (PLCs). It comes with 2 serial ports that support RS-485 and RS-422 connections.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693BEM320**
Type	**of Component I/O Link Module**
Number	**of Slots 1**
Backplane	**Support Universal**
I/O	**Points 32 or 64**
Configuration	**Jumper slectable**
Communication	**Ports 2 ports, RS-485 and RS-422**
LEDs	**2 status LEDS (OK and RDY)**
Power	**Supply 5 VDC, from PLC backplane**
GE	**Fanuc designs and manufactures a solid-state serial interface module that is known as the IC693BEM320 solid-state serial I/O interface module. It is made for the interconnection of the proprietary GE Fanuc I/O Link network protocol and either a Series 90-30 or a Series 90-70 Programmable Logic Controller (PLC). This module can be configured by the users for transmitting 32 or 64 I/O points to a GE Fanuc I/O Link, but only as a slave module, never as a master module. The GE Fanuc IC693BEM320 I/O module's configuration can be simply done by setting a jumper wire located inside the front cover in the right mode, which depends on the users' applications. There are 2 serial communicati**

3. Product Information

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Technical specifications for IC693BEM320

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Series Series 90-30

Part Number IC693BEM320

Type of Component I/O Link Module

Number of Slots 1

Backplane Support Universal

I/O Points 32 or 64

Configuration Jumper slectable

Communication Ports 2 ports, RS-485 and RS-422

LEDs 2 status LEDS (OK and RDY)

Power Supply 5 VDC, from PLC backplane

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The operating temperatures for the GE Fanuc IC693BEM320 I/O interface module should always remain in the 0 to 60 degrees Celsius (32 to 140 degrees Fahrenheit) range, with a humidity range between 5 and 95% (non-condensing). If more extreme environmental conditions are expected, it is strongly recommended to use a climate control system on the panel that is housing the GE Fanuc PLC and the module. The installation of the module should be done by qualified technicians by sliding the GE Fanuc IC693BEM320 I/O interface module in any available slot of the Series 90-30 or 90-70 PLC backplane. There are 2 status LEDs on the front of the module, one to show that the module is correctly powered on and the other to show when it is working properly. Up to 16 GE Fanuc IC693BEM320 I/O interface modules can be set up as slave devices of a single master PLC.