GE Series 90-30 Series Service Manual

IC693BEM333

1. Description

The GE Fanuc IC693BEM333 Remote FIP Interface Module offers a Series 90-30 Programmable Logic Controller (PLC) the option of sending and receiving information to and from a Factory Instrumentation Protocol (FIP) network. The installation of the module should be done with no electrical supply connected because it does not support hot-swap operations.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693BEM333**
Type	**of component Remote FIP Interface**
Communication	**protocol Factory Instrumentation Protocol (FIP)**
Number	**of Serial Ports 2**
Type	**of Serial Port D-type, 9-pin connector**
Transmission	**speed 1 MHz**
Number	**of Status LEDs 4**
RX3i	**system compatibility Not supported**
IP	**Rating IP 20**
The	**GE Fanuc IC693BEM333 Remote FIP Interface Module makes it possible to connect a GE Fanuc Series 90-30 Programmable Logic Controller (PLC) to an industrial control network featuring the Factory Instrumentation Protocol (FIP). It comes from the factory with a data transmission speed of 1 MHz. The power supply connection for the GE Fanuc IC693BEM333 Remote FIP Interface Module is on the back of the device, and its installation process in a Series 90-30 PLC backplane is simple. The users simply have to insert the module in any available slot of the chassis except for Slot 1 which is reserved for CPU modules. There are 2 serial ports that are both D-type conn**

3. Product Information

The GE Fanuc IC693BEM333 Remote FIP Interface Module offers a Series 90-30 Programmable Logic Controller (PLC) the option of sending and receiving information to and from a Factory Instrumentation Protocol (FIP) network. The installation of the module should be done with no electrical supply connected because it does not support hot-swap operations.

Technical specifications for IC693BEM333

Brand GE Fanuc

Series Series 90-30

Part Number IC693BEM333

Type of component Remote FIP Interface

Communication protocol Factory Instrumentation Protocol (FIP)

Number of Serial Ports 2

Type of Serial Port D-type, 9-pin connector

Transmission speed 1 MHz

Number of Status LEDs 4

RX3i system compatibility Not supported

IP Rating IP 20

The GE Fanuc IC693BEM333 Remote FIP Interface Module makes it possible to connect a GE Fanuc Series 90-30 Programmable Logic Controller (PLC) to an industrial control network featuring the Factory Instrumentation Protocol (FIP). It comes from the factory with a data transmission speed of 1 MHz. The power supply connection for the GE Fanuc IC693BEM333 Remote FIP Interface Module is on the back of the device, and its installation process in a Series 90-30 PLC backplane is simple. The users simply have to insert the module in any available slot of the chassis except for Slot 1 which is reserved for CPU modules. There are 2 serial ports that are both D-type connectors and with 9 connection pins located on the front of the module where 4 status LEDs marked as CD1, TEN1, CD2, and TEN2 can also be found.

Process information from analog, discrete, and special field devices can be transmitted through a FIP bus and communicated to the main controller, which in this case is a GE Fanuc Series 90-30 PLC, in order to monitor and control a wide variety of industrial processes and machinery. The GE Fanuc IC693BEM333 Remote FIP Interface Module is not compatible with RX3i systems. Built with open construction design, the GE Fanuc IC693BEM333 Remote FIP Interface Module is not suitable for working outdoors or in industrial environments with high levels of humidity, high temperatures and large quantities of dust or dirt. Placing the GE Fanuc IC693BEM333 Remote FIP Interface Module inside a panel preferably with climate control, will guarantee a longer machine lifespan and reduce the downtimes caused by adverse environmental conditions.