GE Rx7i PACsystem Series Service Manual

IC687BEM744

1. Description

The GE Fanuc Automation IC687BEM744 FIP Bus controller can operate with up to 128 devices. It has a serial port connector and 2 FIP bus connectors. It can be set up through the CIMPLICITY Control 90 software.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Rx7i PACsystem**
Part	**Number IC687BEM744**
Equipment	**Controller**
Type	**FIP Bus**
Devices	**2.5 MHz**
WorldFIP	**Operations Up to 128**
Status	**LED 6**
Restart	**Pushbutton Yes**
Serial	**Port Yes. 15-pin connector**
FIP	**Bus Connectors Yes, two 9-pin connectors**
Network	**Diagnostics Yes**
The	**IC687BEM744 controller is a FIP Bus controller from the Rx7i PACsystem series of programmable logic controllers by GE Fanuc Automation. This controller can be used in any system that includes compatible equipment from the Rx7i series. A maximum of 4 FIP bus controllers can be included in a PLC Expansion rack, but installing more than 4 is not recommended. This specific bus controller is one of the 4 models that come in the series and it consists of a controller that is half the size so it can occupy a half slot. The GE Fanuc Automation IC687BEM744 FIP Bus controller can be installed in an integrated rack and operate at 2.5 Megahertz. This controller can serve as an I/O controller for different devices that**

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Technical specifications for IC687BEM744

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The GE Fanuc Automation IC687BEM744 FIP Bus controller can be used with 128 devices that can be field control stations, remote I/O racks, generic devices, and Series 90-70 PLCs. This controller comes with 6 LED indicators that are located on the front of the device and provide visual updates about the current status of the controller and communications activity. The GE Fanuc Automation IC687BEM744 FIP Bus controller comes with two 9-pin connectors that provide attachments for 1 or 2 FIP busses. This controller includes a network configuration tool that is used to define the network segments and to identify new or existent devices. The software used to configure each piece of equipment is the CIMPLICITY Control 90 software.