GE Series 90-70 Series Service Manual

IC697BEM734

1. Description

The GE Fanuc IC697BEM734 IC660/IC661 Bus controller is made for the GE IC697 PLC system. This module is installed on a single slot of the IC66 PLC rack, and it draws 1.3 Amps of backplane current at 5 Volts DC.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697BEM734**
Description	**Bus Controller**
Application	**IC66 Bus**
Operating	**Voltage 5.0 Volt DC**
Backplane	**Current 1.3 Amps**
Location	**IC66 Rack**
Connectors	**1PL and 3PL Ports**
LED	**Indicators 3 LEDs**
Average	**Weight 5.0 Pounds**
The	**GE Fanuc IC697BEM734 IC660/IC661 Bus controller is a single-channel I/O Bus controller for the GE IC66 Bus system. The IC697BEM734 Bus controller occupies only a single slot on the GE IC66 PLC rack, and it is configured with a Windows-based (MS-DOS) programming software. The IC697BEM734 Bus controller asynchronously scans the IC66 (IC660 or IC661) I/O blocks, transferring I/O data to the PLC CPU after every iterated scan of the IC697 PLC backplane. During a scan, the IC697BEM734 Bus controller accepts any fault information from the diagnostic references for the PLC CPU upon each completed scan, and transmits ladder logic commands from the CPU to the connected field devices. The communication options supported by this module in**

3. Product Information

The GE Fanuc IC697BEM734 IC660/IC661 Bus controller is made for the GE IC697 PLC system. This module is installed on a single slot of the IC66 PLC rack, and it draws 1.3 Amps of backplane current at 5 Volts DC.

Technical specifications for IC697BEM734

Brand GE Fanuc

Series Series 90-70

Part Number IC697BEM734

Description Bus Controller

Application IC66 Bus

Operating Voltage 5.0 Volt DC

Backplane Current 1.3 Amps

Location IC66 Rack

Connectors 1PL and 3PL Ports

LED Indicators 3 LEDs

Average Weight 5.0 Pounds

The GE Fanuc IC697BEM734 IC660/IC661 Bus controller is a single-channel I/O Bus controller for the GE IC66 Bus system. The IC697BEM734 Bus controller occupies only a single slot on the GE IC66 PLC rack, and it is configured with a Windows-based (MS-DOS) programming software. The IC697BEM734 Bus controller asynchronously scans the IC66 (IC660 or IC661) I/O blocks, transferring I/O data to the PLC CPU after every iterated scan of the IC697 PLC backplane. During a scan, the IC697BEM734 Bus controller accepts any fault information from the diagnostic references for the PLC CPU upon each completed scan, and transmits ladder logic commands from the CPU to the connected field devices. The communication options supported by this module include global communication, directed communications initiated by a PLC CPU communication service request, and peer-to-peer IC666 Bus data transfers (it acts as a communications node for other devices).

The IC697BEM734 Bus controller is configured by using an MS-DOS-based programming software configurator function. As a standard procedure, the MS-DOS-based programming software configurator function sets the default baud rate to 153.6K bauds and the default serial bus address to 31, but the operators can specify baud rates and serial bus address by using the MS-DOS based programming software. Data messages, commonly called “Datagrams” can be transferred from one device to another or broadcasted to all devices on the network via ladder logic commands. The IC697BEM734 Bus controller has a voltage rating of 5 Volts DC, and it draws 1.3 Amps of backplane current. The IC697BEM734 Bus controller has 3 LEDs indicators that show operation and communication statuses, and it comes with a single rear-end serial port (PL1) for connecting to a handheld monitor and a Bus field terminal connector (PL3) for connecting to the Bus field.