GE Series 90-70 Series Service Manual

IC697BEM764

1. Description

The IC697BEM764 module is a VME DLAN interface module made by GE Fanuc. It is part of the Series 90-70 PLC system.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697BEM764**
Description	**VME DLAN module**
Address	**options 16-24-32 bit**
Data	**bus 8-16-32 bit**
Temperature	**0-60 degrees Celsius**
Vibration	**1G at 40-150 Hertz**
Shock	**15 G for 11 milliseconds**
Voltage	**5/12 Volts**
Backplane	**Jumpers J1, J2**
The	**IC697BEM764 module is a communication module manufactured by GE Fanuc. It is a GE Series 90-70 PLC communication module. This communication interface module uses the VME or VERSA module Eurocard bus that helps to connect and interface modules with a microcomputer. The VME features 16, 24, and 32-bit address options and supports 8, 16, or 32-bit data bus options. It features multiple masters and has a high-speed data transfer rate. The IC697BEM764 modules comes with slots and racks and it can easily control DC300 drives, AC2000 drive, and other drives using the PLC program. During installation, make sure to follow all the environmental regulations. The operating temperature should be between 0 and 60 degrees Celsi**

3. Product Information

The IC697BEM764 module is a VME DLAN interface module made by GE Fanuc. It is part of the Series 90-70 PLC system.

Technical specifications for IC697BEM764

Brand GE Fanuc

Series Series 90-70

Part Number IC697BEM764

Description VME DLAN module

Address options 16-24-32 bit

Data bus 8-16-32 bit

Temperature 0-60 degrees Celsius

Vibration 1G at 40-150 Hertz

Shock 15 G for 11 milliseconds

Voltage 5/12 Volts

Backplane Jumpers J1, J2

The IC697BEM764 module is a communication module manufactured by GE Fanuc. It is a GE Series 90-70 PLC communication module. This communication interface module uses the VME or VERSA module Eurocard bus that helps to connect and interface modules with a microcomputer. The VME features 16, 24, and 32-bit address options and supports 8, 16, or 32-bit data bus options. It features multiple masters and has a high-speed data transfer rate. The IC697BEM764 modules comes with slots and racks and it can easily control DC300 drives, AC2000 drive, and other drives using the PLC program. During installation, make sure to follow all the environmental regulations. The operating temperature should be between 0 and 60 degrees Celsius and the storage temperature should be between -40 and 85 degrees Celsius. The humidity should be between 5 and 95%, non-condensing. It can easily withstand 1 G of vibration with 40 to 150 Hertz frequency, and 15 G of shock for 11 milliseconds.

The GE Fanuc IC697BEM764 PLC communication module runs with 5 Volts and 12 Volts of bus voltage. The power supply of the module with go through 1 cycle loss without any interruption. In case of an interruption, the ACFAIL signal in the module illuminates and initiates the closing procedure. The module is equipped with 2 backplane jumpers that are labelled as J1 and J2. The IC697BEM764 communication module is installed with an 80C186 microprocessor to process logic operations. Also, the front panel of the module has an LED status indicator that shows the operation status, the data transfer status, and other function and application data. A restart pushbutton is also present in the module to reset device operations.