GE RX3i PacSystem Series Service Manual

IC694ALG390

1. Description

The GE Fanuc IC694ALG390 analog output module from the RX3i PacSystems series has 2 output channels that convert binary data to analog output signals for different field devices. It can support voltages from -10 to +10 Volts.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**RX3i PacSystems**
Part	**Number IC694ALG390**
Product	**Type Output Module**
Module	**Type Analog**
Number	**of Outputs 2**
Hot	**Swapping Not Supported**
Compatible	**CPUs All RX3i CPUs**
Compatible	**Backplanes The RX3i Serial Expansion Backplane and the Series 90-30 Expansion Backplane**
Output	**Voltage -10 to 10 Volts**
The	**IC694ALG390 analog output module by GE Fanuc only comes with 2 output channels, but it can connect to any CPU that is manufactured by GE Fanuc in the GE RX3i PacSystem product line. The IC694ALG390 analog output module is also a GE RX3i PacSystem device. This module can be used as an output component in a GE RX3i PacSystem PLC and installed in either a GE RX3i serial expansion backplane or in a GE Series 90-30 expansion backplane. However, this module does not support hot-swapping, that is, it cannot be installed in or removed from either type of backplane while the backplane is powered on. Attempting to hot swap the IC694ALG390 analog output module can cause proble**

3. Product Information

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Technical specifications for IC694ALG390

Manufacturer GE Fanuc

Series RX3i PacSystems

Part Number IC694ALG390

Product Type Output Module

Module Type Analog

Number of Outputs 2

Hot Swapping Not Supported

Compatible CPUs All RX3i CPUs

Compatible Backplanes The RX3i Serial Expansion Backplane and the Series 90-30 Expansion Backplane

Output Voltage -10 to 10 Volts

The IC694ALG390 analog output module by GE Fanuc only comes with 2 output channels, but it can connect to any CPU that is manufactured by GE Fanuc in the GE RX3i PacSystem product line. The IC694ALG390 analog output module is also a GE RX3i PacSystem device. This module can be used as an output component in a GE RX3i PacSystem PLC and installed in either a GE RX3i serial expansion backplane or in a GE Series 90-30 expansion backplane. However, this module does not support hot-swapping, that is, it cannot be installed in or removed from either type of backplane while the backplane is powered on. Attempting to hot swap the IC694ALG390 analog output module can cause problems such as damaging the module or backplane, causing the whole PLC to stop suddenly or malfunction, or severely injuring the users.

At 5 Volts DC, the GE Fanuc IC694ALG390 2-channel analog output module can handle a load of 32 milliamps or 0.16 Watts. At 24 Volts DC isolated voltage, the IC694ALG390 analog output module can handle a load of 120 milliamps or 2.88 Watts. The 2 output channels on this module can convert 13 bits of digital binary data into analog output signals for the field devices that they are communicating with and they both update every time they are scanned. The output voltage of the IC694ALG390 analog output module can be anywhere from -10 to +10 Volts. When the IC694ALG390 analog output module is installed in a GE RX3i PacSystem PLC, it can be installed in any available I/O slot.