GE RX3i PacSystem Series Service Manual

IC694ALG391

1. Description

The GE Fanuc IC694ALG391 analog output module comes with 2 channels that can communicate at rates of 0 to 20 milliamps or 4 to 20 milliamps. This output module is made to be part of a GE RX3i PacSystem PLC.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**RX3i PacSystems**
Part	**Number IC694ALG391**
Product	**Type Output Module**
Module	**Type Analog**
Number	**of Outputs 2**
Data	**Conversion Rate 12 Bits of Binary Data to Output Signals**
Output	**Signal Range 0 to 20 milliamps or 4 to 20 milliamps**
Series	**90-30 Expansion Backplane Supported**
RX3i	**Serial Expansion Backplane Supported**
The	**analog IC694ALG391 output module is designed and manufactured by GE Fanuc to be compatible with every CPU in the GE Fanuc RX3i PacSystem series. It only has 2 output channels. The IC694ALG391 2-channel output module has also been designed to be installed in any I/O slot in either a GE Series 90-30 expansion backplane or a GE RX3i serial expansion backplane as part of a GE industrial PLC system. Never attempt to install or remove the IC694ALG391 output module from either backplane while the power is applied. This module is not made to support hot swapping (installation or removal with power applied to the host system), and attempting to hot swap it**

3. Product Information

The GE Fanuc IC694ALG391 analog output module comes with 2 channels that can communicate at rates of 0 to 20 milliamps or 4 to 20 milliamps. This output module is made to be part of a GE RX3i PacSystem PLC.

Technical specifications for IC694ALG391

Manufacturer GE Fanuc

Series RX3i PacSystems

Part Number IC694ALG391

Product Type Output Module

Module Type Analog

Number of Outputs 2

Data Conversion Rate 12 Bits of Binary Data to Output Signals

Output Signal Range 0 to 20 milliamps or 4 to 20 milliamps

Series 90-30 Expansion Backplane Supported

RX3i Serial Expansion Backplane Supported

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The GE Fanuc IC694ALG391 2-channel analog output module can accommodate different loads at different DC voltages. It can accommodate loads of up to 30 milliamps or 0.15 Watts at 5 Volts DC, and it can accommodate loads of up to 215 milliamps or 5.16 Watts at 24 Volts DC isolated voltage. The 2 output channels that the IC694ALG391 analog output module has can convert 12 bits of binary or digital data into analog output signals for different field devices. The users can configure the output modules with jumpers to produce their converted output signals in a current range of either 0 to 20 milliamps or 4 to 20 milliamps. When the power supply to the IC694ALG391 output module is operating properly, the module’s green “Module OK” LED will light up.