GE RX3i PacSystem Series Service Manual

IC694ALG220

1. Description

The IC694ALG220 analog input module from GE Fanuc has 4 input channels with conversion speeds of 1 millisecond each. This module cannot be hot swapped.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**RX3i PacSystems**
Part	**Number IC694ALG220**
Product	**Type Analog Input Module**
Number	**of Inputs 4**
Hot	**Swapping Not Supported**
Input	**Voltage -10 to +10 Volts**
Input	**Current 4 to 20 milliamps**
Channel	**Conversion Speed 1 millisecond**
Maximum	**Load Requirements 27 milliamps and 0.135 Watts**
The	**GE Fanuc IC694ALG220 analog input module is a member of the GE RX3i PacSystems series and it is compatible with every GE Fanuc CPU. This analog input module does not support hot swapping, which means that it cannot be installed in or removed from a system that is still powered on and connected to its power source. Attempting to hot swap the IC694ALG220 analog input module may result in device damage or serious injury. This input module has 4 input channels. At 5 Volts DC voltage, this module has maximum load requirements of 27 milliamps and 0.135 Watts. It can accept input voltages in a range between -10 and +10 Volts. Each of the 4 input channels on this module can handle 4 to 20 m**

3. Product Information

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Technical specifications for IC694ALG220

Manufacturer GE Fanuc

Series RX3i PacSystems

Part Number IC694ALG220

Product Type Analog Input Module

Number of Inputs 4

Hot Swapping Not Supported

Input Voltage -10 to +10 Volts

Input Current 4 to 20 milliamps

Channel Conversion Speed 1 millisecond

Maximum Load Requirements 27 milliamps and 0.135 Watts

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The GE Fanuc RX3i PacSystem IC694ALG220 analog input module can be installed in any available I/O slot in a GE RX3i PLC system. Each of its input channels has a conversion speed of 1 millisecond and the update rate for each channel is 4 milliseconds. When the IC694ALG220 analog input module is installed in a GE RX3i universal backplane, then it needs an external power source rated at 24 Volts DC and connected to the backplane through the TB1 connector on the left side. When the IC694ALG220 analog input module is installed in an RX3i remote or expansion backplane, then it is powered by the backplane’s power supply with 24 Volts DC isolated output voltage.