GE RX3i PacSystem Series Service Manual

IC694PWR321

1. Description

The GE Fanuc IC694PWR321 power supply module is a serial expansion power supply module made for the serial backplane of an RX3i PacSystems PLC. It can provide a system with up to 30 Watts of power.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**RX3i PacSystems**
Part	**Number IC694PWR321**
Product	**Type Power Supply Module**
Current	**Rating 2 Amps**
Load-Sharing	**Redundancy Not Supported**
Outputs	**5 Volts DC, 24 Volts DC Relay, and 24 Volts DC Isolated**
AC	**Input Voltage 85 to 264 Volts AC**
DC	**input Voltage 100 to 300 Volts DC**
Installation	**The Leftmost Slot of the PLC's Serial Backplane**
The	**IC694PWR321 power supply module has been designed and manufactured by GE Fanuc in the RX3i PacSystem series as a PLC power supply. It can be used in any RX3i PLC because it is compatible with all of the GE RX3i CPUs. The IC694PWR321 power supply module is rated at 120/240 Volts AC and 125 Volts DC. It is designed to be a serial expansion device and it needs to be installed in the serial backplane of its host PLC, specifically in the slot furthest to the left. The IC694PWR321 power supply module has a current rating of 2 Amps and it can provide up to 30 Watts of power unless it is operating with 5 Volts DC output voltage, in whic**

3. Product Information

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Technical specifications for IC694PWR321

Manufacturer GE Fanuc

Series RX3i PacSystems

Part Number IC694PWR321

Product Type Power Supply Module

Current Rating 2 Amps

Load-Sharing Redundancy Not Supported

Outputs 5 Volts DC, 24 Volts DC Relay, and 24 Volts DC Isolated

AC Input Voltage 85 to 264 Volts AC

DC input Voltage 100 to 300 Volts DC

Installation The Leftmost Slot of the PLC's Serial Backplane

The IC694PWR321 power supply module has been designed and manufactured by GE Fanuc in the RX3i PacSystem series as a PLC power supply. It can be used in any RX3i PLC because it is compatible with all of the GE RX3i CPUs. The IC694PWR321 power supply module is rated at 120/240 Volts AC and 125 Volts DC. It is designed to be a serial expansion device and it needs to be installed in the serial backplane of its host PLC, specifically in the slot furthest to the left. The IC694PWR321 power supply module has a current rating of 2 Amps and it can provide up to 30 Watts of power unless it is operating with 5 Volts DC output voltage, in which case it can only provide 15 Watts of power. It does not support a load-sharing redundancy feature.

The GE Fanuc RX3i IC694PWR321 expansion power supply module can provide 3 outputs. The first output is a 5 Volts DC output, the second output is a 24 Volts DC relay output that can power the circuits on output relay modules, and the third output is a 24 Volts DC isolated output that can power field devices which are connected to input modules rated at 24 Volts DC. The IC694PWR321 power supply module runs on input voltages of 85 to 264 Volts AC or 100 to 300 Volts DC. Its green “PWR” LED glows when it is on and its power source and levels are steady, its green “OK” LED glows when the whole PLC is operating properly, and its green “RUN” LED glows when the PLC is operating in the run mode.