GE RX3i PacSystem Series Service Manual

IC694PWR331

1. Description

The IC694PWR331 is an expansion power supply module within GE Fanuc Emerson's RX3i PacSystem. This unit provides versatile power options, incorporating capabilities to support high-speed serial bases, and operates at a nominal voltage of 24 volts DC.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Series	**RX3i PacSystem**
Part	**Number IC694PWR331**
Module	**Type Expansion Power Supply, Remote Base Power Supply**
Nominal	**Rated Voltage 24 Volts DC**
Backplane	**Option Remote Bases**
High-Capacity	**Power Supply Yes**
High-Speed	**Serial Bases Supported**
Total	**Output Source Rating 30 Watts**
Output	**Source Rating at 5V 30 Watts**
Output	**Source Rating at 24V Relay 15 Watts**
Output	**Source Rating at 24V Isolated 20 Watts**
Output	**Current Capacity at 24V DC 0.8 Amps**
The	**IC694PWR331 from the RX3i PacSystem series by GE Fanuc Emerson functions as an expansion power supply and remote base power supply. This module is essential for providing reliable power across multiple applications. The nominal rated voltage for this model is set at 24 volts DC. It is capable of accommodating high-speed serial bases, enhancing communication efficiency within the system.**

3. Product Information

The IC694PWR331 is an expansion power supply module within GE Fanuc Emerson's RX3i PacSystem. This unit provides versatile power options, incorporating capabilities to support high-speed serial bases, and operates at a nominal voltage of 24 volts DC.

Technical specifications for IC694PWR331

Manufacturer GE Fanuc Emerson

Series RX3i PacSystem

Part Number IC694PWR331

Module Type Expansion Power Supply, Remote Base Power Supply

Nominal Rated Voltage 24 Volts DC

Backplane Option Remote Bases

High-Capacity Power Supply Yes

High-Speed Serial Bases Supported

Total Output Source Rating 30 Watts

Output Source Rating at 5V 30 Watts

Output Source Rating at 24V Relay 15 Watts

Output Source Rating at 24V Isolated 20 Watts

Output Current Capacity at 24V DC 0.8 Amps

The IC694PWR331 from the RX3i PacSystem series by GE Fanuc Emerson functions as an expansion power supply and remote base power supply. This module is essential for providing reliable power across multiple applications. The nominal rated voltage for this model is set at 24 volts DC. It is capable of accommodating high-speed serial bases, enhancing communication efficiency within the system.

Featuring a total output source rating of 30 watts, the IC694PWR331 effectively meets varying power demands. When using a 5V output, it delivers the full 30 watts, while at 24V it supports different configurations with specific ratings: 15 watts can be sourced for relay applications, and the module offers 20 watts for isolated outputs.

The output current capacity for the 24V DC power is rated at 0.8 amps, enabling it to power multiple devices while maintaining stability and performance. Furthermore, the IC694PWR331 is compatible with remote bases, making it a practical solution for expanding the power options in industrial setups.