GE Series 90-70 Series Service Manual

IC697PWR724

1. Description

The GE Fanuc Automation IC697PWR724 power supply module has an output rating of 90 Watts. It can be used in single rack applications and provide power to a second rack as long as the power does not exceed the 90 Watts.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697PWR724**
Nominal	**rated voltage 24 VDC**
Input	**voltage range 18-32 VDC**
Input	**power 160 Watts**
Input	**Inrush energy 22 J maximum**
Output	**power 90 Watts maximum**
Output	**voltage 5, 12, and -12 VDC**
Ride	**Through time 10 ms**
VME	**Compatible**
Temperature	**0-60 degrees Celsius**
Overvoltage	**limit 5 VDC**
The	**IC697PWR724 module is a power supply module that has been designed, manufactured, and distributed by GE Fanuc Automation. This power supply module provides operations at 24 Volts DC voltage and an output power of 90 Watts. The design of this module enables it to be plugged into the rack, specifically on its leftmost slot. This module is connected through a 48-pin backplane mounted connector on the rack. This power supply module provides different voltages to adjust to operations and logic level sequencing signals. The GE Fanuc Automation IC697PWR724 power supply module can operate with a single rack application and it can power 2 racks at a time. The tota**

3. Product Information

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Technical specifications for IC697PWR724

Brand GE Fanuc

Series Series 90-70

Part Number IC697PWR724

Nominal rated voltage 24 VDC

Input voltage range 18-32 VDC

Input power 160 Watts

Input Inrush energy 22 J maximum

Output power 90 Watts maximum

Output voltage 5, 12, and -12 VDC

Ride Through time 10 ms

VME Compatible

Temperature 0-60 degrees Celsius

Overvoltage limit 5 VDC

The IC697PWR724 module is a power supply module that has been designed, manufactured, and distributed by GE Fanuc Automation. This power supply module provides operations at 24 Volts DC voltage and an output power of 90 Watts. The design of this module enables it to be plugged into the rack, specifically on its leftmost slot. This module is connected through a 48-pin backplane mounted connector on the rack. This power supply module provides different voltages to adjust to operations and logic level sequencing signals. The GE Fanuc Automation IC697PWR724 power supply module can operate with a single rack application and it can power 2 racks at a time. The total load must be within the specification ratings and the interconnection to this second rack is made through a cable.

The GE Fanuc Automation IC697PWR724 power supply module has a nominal voltage rating of 24 Volts DC and it can accept an input voltage range from 18 to 32 Volts DC. The module also comes with overvoltage and overcurrent protection. If the module is used in environments with temperatures higher than 60 degrees Celsius, it might need to be derated.

The GE Fanuc Automation IC697PWR724 power supply module has an input power rating of 160 Watts and an input inrush energy rating of 22 Joules maximum. It also has a ride-through a time of 10 milliseconds at 20 Volts DC. The output voltage can be 5, 12, or -12 Volts DC with a specific current rating of 26, 4, or 2 Amps, respectively. This power supply module can be used with a VME integrated rack.