GE Rx7i PACsystem Series Service Manual

IC698CHS109

1. Description

The GE Fanuc IC698CHS109 Rack is an I/O rack for the Rx7i PACsystem. This 8-slot I/O rack is software configurable, and it supports the VME64 backplane system for all Rx7i CPUs and I/O configurations, the Series 90-70 I/O devices, and the VME modules.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Rx7i PACsystem**
Part	**Number IC698CHS109**
Description	**PACSystems RX7i Rack**
Application	**Rx7i System**
Operating	**Voltage 5 to 12 Volts DC**
Power	**Supply 350 Watts**
Current	**Rating 60 Amps at 5.0 Volt DC/12 Amps at 12 Volt DC**
I/O	**Capacity 9 I/O Slots**
Fan	**Assembly Optional**
Approximate	**Dimensions 283 x 320 x 190 Millimeters**
Mounting	**Type Front Mounting**
The	**GE Fanuc IC698CHS109 Rx7i Rack is a front-mounted I/O rack designed for the Rx7i PACsystem series. The Rx7i PACsystem racks have the VME64 base system which offers 4 times the speed of the existing VME based systems to provide faster I/O throughput, and they can support the RX9i CPUs and VME modules (including Series 90-70 I/O) and VMIC modules. The IC698CHS109 Rack features automated daisy-chain interrupt profile and bus grant (BG) signals which completely eliminate the use of slot jumpers. The IC698CHS109 Rack also features a backplane connector (the J2 connector) that offers high-speed VME data transfers of up to 64 bits p**

3. Product Information

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Technical specifications for IC698CHS109

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Series Rx7i PACsystem

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Power Supply 350 Watts

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The GE Fanuc IC698CHS109 Rack requires 350 Watts of power for operation. It has current ratings of 60 Amps and 12 Amps at 5 Volts DC and 12 Volts DC voltage, respectively. The IC698CHS109 Rack has 9 I/O slots (labeled 1 through 9) for installing CPUs, I/O modules, and power supply modules. I/O slots 1 to 8 all have 20.3-millimeter slot widths, slot 9 has a 40.5-millimeter slot-width, and the power module slot, also known as slot 0, has a 61-millimeter slot width. The I/O modules on the IC698CHS109 Rack can be arranged in a configuration consisting of 7 single-width modules, 4 double-width modules, or a mixture of single and double-width modules. The IC698CHS109 Rack supports IP 54 or higher-rated enclosures for installation, and it has an operating temperature range between 0 and 60 degrees Celsius.