GE Rx7i PACsystem Series Service Manual

IC698CHS117

1. Description

The GE Fanuc IC698CHS117 Rx7i I/O Rack for the Rx7i PACSystem. This 18-slot I/O rack is software configurable, and it supports VME64 backplane system for all the Rx7i CPUs and I/O configurations, the Series 90-70 I/Os, and the VME modules.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Rx7i PACsystem**
Part	**Number IC698CHS117**
Description	**PACSystems RX7i I/O Rack**
Application	**Rx7i System**
Operating	**Voltage 5 to 12 Volts DC**
Power	**Supply 350 Watts**
Current	**Rating 60 Amps at 5.0 Volts DC/12 Amps at 12 Volts DC**
I/O	**Capacity 18 I/O Slots**
Fan	**Assembly Optional**
Approximate	**Dimensions 11.2 x 19.0 x 7.5 inches (H x W x D)**
Mounting	**Rear Wall Mounting**
The	**GE Fanuc IC698CHS117 RX7i I/O Rack is made for the Rx7i PACsystem series. The IC698CHS117 Rack is a wall-mounted 18-slot I/O rack built for the VME64 backplane system and high-level power supply. This I/O rack has up to 4 times more bandwidth strength than the standard VME backplane systems and thus it provides faster I/O throughput. The IC698CHS117 Rack supports the GE Fanuc Rx7i CPUs, Rx7i I/O modules, Series 90-70 I/Os, and all the standard VME modules. It has a slot-sensing feature for rack-type I/O modules and it is configured with programming/configuration software, eliminating DIP switches and jumper con**

3. Product Information

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Technical specifications for IC698CHS117

Brand GE Fanuc

Series Rx7i PACsystem

Part Number IC698CHS117

Description PACSystems RX7i I/O Rack

Application Rx7i System

Operating Voltage 5 to 12 Volts DC

Power Supply 350 Watts

Current Rating 60 Amps at 5.0 Volts DC/12 Amps at 12 Volts DC

I/O Capacity 18 I/O Slots

Fan Assembly Optional

Approximate Dimensions 11.2 x 19.0 x 7.5 inches (H x W x D)

Mounting Rear Wall Mounting

The GE Fanuc IC698CHS117 RX7i I/O Rack is made for the Rx7i PACsystem series. The IC698CHS117 Rack is a wall-mounted 18-slot I/O rack built for the VME64 backplane system and high-level power supply. This I/O rack has up to 4 times more bandwidth strength than the standard VME backplane systems and thus it provides faster I/O throughput. The IC698CHS117 Rack supports the GE Fanuc Rx7i CPUs, Rx7i I/O modules, Series 90-70 I/Os, and all the standard VME modules. It has a slot-sensing feature for rack-type I/O modules and it is configured with programming/configuration software, eliminating DIP switches and jumper configurations. All the Rx7i racks have an open-type design and they must use the IP 54 standard enclosures or enclosures with higher ratings for safe use in an industrial environment.

The IC698CHS117 Rack supports high-wattage Rx7i power supplies and Rx7i AC power supply plug-ins. It has a power supply rating of 350 Watts and current ratings of 4 Amps at -12 Volts, 12 Amps at 12 Volts DC, and 60 Amps at 5.0 Volts DC input. The IC698CHS117 Rack has 18 I/O slots that support up to 15 single-width I/O modules without any double-width modules, 8 double-width modules, or a combination of double-width and single-width modules. The IC698CHS117 module’s slots are numbered 1 through 18, with an average slot-width of 0.8 inches. Slot 1 is always reserved for the CPU. Double-width RX7i CPUs with embedded Ethernet cards use slots 1and 2. Slot 0 with a 2.6-inch slot-width is used for the power supply module. The IC698CHS117 Rack is configured by using the Windows-based and highly-intuitive CIMPLICITY Machine Edition Logic Developer-PLC software that provides a graphical interface for the users to configure the I/O addressing.