GE Rx7i PACsystem Series Service Manual

IC698CPE040

1. Description

The GE Fanuc IC698CPE040 CPU is rated at 1800 megahertz and it contains 64 MB of memory. It is part of the RX3i PACSystem and it can operate on 5 Volts DC, 24 Volts DC, or -24 Volts DC.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**RX3i PACSystem**
Part	**Number IC698CPE040**
Product	**Type Central Processing Unit**
Voltage	**Type DC**
Voltage	**Ratings -12, 5, and 12 Volts DC**
Memory	**64 MB**
Number	**of Serial Ports 3**
Processor	**Speed 1800 Megahertz**
The	**IC698CPE040 CPU or central processing unit has been designed and manufactured by GE Fanuc in the GE RX7i PACSystem product line and it is made to be as powerful as possible. The GE IC698CPE040 CPU is notable for its rapid program and application execution speeds, its considerably large memory capacity, and its ability to be upgraded easily. This CPU can be used for a long time because it can accommodate upgrades that allow it to keep up with new technology and new industrial application requirements. The IC698CPE040 CPU is designed to be used in an RX7i PACSystem PLC or programmable logic controller. The load requirements of the IC698CPE040 CPU are 6.8 Amps at 5 Volts DC and 0.003 Amps at both 12 Volts DC and -12 Volts DC.**

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Technical specifications for IC698CPE040

Manufacturer GE Fanuc

Series RX3i PACSystem

Part Number IC698CPE040

Product Type Central Processing Unit

Voltage Type DC

Voltage Ratings -12, 5, and 12 Volts DC

Memory 64 MB

Number of Serial Ports 3

Processor Speed 1800 Megahertz

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The specifications of the GE Fanuc RX7i PACSystem IC698CPE040 CPU include 64 MB of user memory and a rated processor speed of 1800 megahertz. This CPU is a Pentium-M CPU. It includes 3 serial ports that are all independent and isolated and that can all be accessed from the connectors on the front of the CPU. Two of these independent ports can be used either for making firmware upgrades to the CPU or for creating a serial interface with external devices. The third port is the station management port for the Ethernet interface. The first firmware port on the IC698CPE040 CPU is an RS-232-compatible port with an indicator light that gives indications about the activity of this port. The second firmware port is RS-485-compatible and it needs shielded cables for its connections. The third port is RS-232-compatible like the first firmware port.