GE Series 90-70 Series Service Manual

IC697CPM915

1. Description

The IC697CPM915 module is a CPU module for GE Fanuc Series 90-70 PLCs. The clocked speed of the processor in the IC697CPM915 module is 32 megahertz.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697CPM915**
Product	**type CPU module**
Compatibility	**GE Fanuc 90-70 PLCs**
Clock	**speed 32 megahertz**
RAM	**1 Megabyte**
Current	**draw 2.8 Amps**
Input	**voltage 5 Volts DC**
Serial	**port 1**
Operating	**temperature 0 to 60 degrees Celsius**
The	**GE Fanuc IC697CPM915 module is a single-slot programmable CPU module. The IC697CPM915 module can be configured by using Windows or MS-DOS based software for the control of material handling systems, machines, and processes. The CPU programming is performed over Ethernet or through the SNP port. Programmer connections through the Ethernet requires the installation of an optional Ethernet module. The IC697CPM915 module communicates with option modules and with I/Os over the rack backplane by using the VME C.1 standard format. The IC697CPM915 is compatible with the IC697CHS750, IC697CHS782, IC697CHS783, IC697CHS790, and the IC697CHS791 racks. The IC697CPM915 module must only be installed in slot 1 of the rack. The operation o**

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Technical specifications for IC697CPM915

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Series Series 90-70

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Four green LEDs are provided on the IC697CPM915 CPU module to display the CPU status. The IC697CPM915 module is a 32 Megahertz CPU module with floating point support. The user memory on the module is 1 Megabyte. A lithium battery installed on the module provides battery backup to the data stored in the user memory. The nominal memory retention time is 6 months when power is not applied to the PLC rack. Flash memory is used for the storage of system firmware. The IC697CPM915 module is designed for use with GE Fanuc Series 60-70 PLC systems. The current consumption of the IC697CPM915 module is 2.8 Amps (nominal) from the 5 Volts DC bus. The available option modules include all IC697 LAN modules, numerous coprocessor modules, and bus controllers for the IC660, IC661 I/O, and IC697 family of analog and discrete I/O modules.