GE Series 90-70 Series Service Manual

IC697CPM924

1. Description

The IC697CPM924 module is a GE Fanuc CPU module. The IC697CPM924 module is designed for use with Series 90-70 PLCs.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697CPM924**
Product	**type CPU module**
Compatibility	**GE Fanuc 90-70 PLCs**
Clock	**speed 64 megahertz**
RAM	**1 megabyte**
Battery	**memory retention 6 months**
Floating	**point operations Yes**
Serial	**port 1**
Operating	**temperature 0 to 60 degrees Celsius**
The	**IC697CPM924 module is a GE Fanuc CPU module which is compatible with the GE Series 90-70 programmable logic controller systems. The IC697CPM924 module is a 32-bit CPU with a microprocessor clocked at 64 megahertz. In addition to fixed point operation, the CPU also supports floating point operation. A total of 1 megabyte of RAM is available on the CPU module. A replaceable lithium battery provides backup power to the RAM in case of mains power failure. The rated shelf life of the lithium battery is 10 years at 68 degrees Fahrenheit ambient temperature. In the event that the PLC rack power is removed, the battery can provide backup power to the RAM so that the stored application data is retained for a nomina**

3. Product Information

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Technical specifications for IC697CPM924

Brand GE Fanuc

Series Series 90-70

Part Number IC697CPM924

Product type CPU module

Compatibility GE Fanuc 90-70 PLCs

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RAM 1 megabyte

Battery memory retention 6 months

Floating point operations Yes

Serial port 1

Operating temperature 0 to 60 degrees Celsius

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The operating temperature range for the IC697CPM924 CPU module is from 0 to 60 degrees Celsius. If the ambient temperature exceeds this range, then the performance may be degraded and extreme high temperatures can even lead to module failure. The accuracy of the time-of-day clock on the IC697CPM924 module is 3.5 seconds per day maximum. The elapsed time clock accuracy is 0.1% maximum. The IC697CPM924 module supports software configuration with an integrated serial port, a parallel port on the bus transmitter PLC module, and an optional Ethernet module that can be used to connect to computers that are running the configuration software. The operation of the IC697CPM924 module is controlled by a 3-position RUN/STOP switch or remotely from programming computers. Power should be removed from the PLC rack prior to the installation of the module.