GE Series 90-70 Series Service Manual

IC697CMM741

1. Description

The IC697CMM741 Ethernet controller from GE Fanuc Series 90-70 is an interface for PLCs and LANs. It can store its software for at least 6 months after after a power outage in its battery-backed RAM.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697CMM741**
Product	**Type Ethernet Controller, LAN Interface**
Memory	**Types RAM, ROM**
Battery	**Backup for the RAM Supported**
Cable	**Connector D-Type 15-Pin Connector**
Cables	**Transceiver Cable or AUI Cable**
Number	**of LEDs 3**
The	**IC697CMM741 interface device is manufactured by GE Fanuc in its Series 90-70 product line to be an interface for TCP/IP Ethernet LAN devices or for GE Series 90-70 MMS devices. The IC697CMM741 interface is also an Ethernet controller, and it can attach PLCs directly to a LAN like the IEEE 802.3 CSMA/CD LAN. This Ethernet controller is made for the GE Series 90-70 IC 697 programmable controllers and it only needs 1 slot in the PLC rack to be mounted securely. The software that the IC697CMM741 Ethernet controller uses can be loaded or upgraded easily through the RAM, and the controller can retain its software after a power outage for 6 months minimum. The software that it can use includes the TCP/IP and MMS/OSI communica**

3. Product Information

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Technical specifications for IC697CMM741

Manufacturer GE Fanuc

Series Series 90-70

Part Number IC697CMM741

Product Type Ethernet Controller, LAN Interface

Memory Types RAM, ROM

Battery Backup for the RAM Supported

Cable Connector D-Type 15-Pin Connector

Cables Transceiver Cable or AUI Cable

Number of LEDs 3

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The GE Series 90-70 IC697CMM741 Ethernet controller and interface can connect to a transceiver device through either a user-supplied transceiver cable or an AUI (Attachment Unit Interface) cable through its standard D-type connector that has 15 pins. The cable and transceiver are how the Ethernet controller makes its connection to the Ethernet LAN. The users can monitor the status of the controller’s interface with its 3 LEDs. The RAM in the IC697CMM741 Ethernet controller uses a battery for backup and the RAM stores all the communication software. This controller and interface device also has ROM and firmware that store the basic functions, configuration software, and diagnostics features that it uses.