GE IC693PCM301 Manual

Brand	GE
Product Series	Series 90-30
Product Type	-

Description

The GE Fanuc IC693PCM301 Programmable Coprocessor Module (PCM) is a high-performance microcomputer designed and manufactured to adapt to a wide variety of devices using serial ports for communicating with a Series 90-30 PLC. It can be configured to act as a Communications Coprocessor Module (CCM) or an ASCII/BASIC Module (ABM), depending on the application.
Technical specifications for IC693PCM300
Brand GE Fanuc
Series Series 90-30
Part Number IC693PCM300
Number of Serial Ports 2
CCM Operation Supported
ASCII/BASIC Module Operation Supported
Hot-Swapping Not Supported
Number of LEDs 3
MegaBasic Interface Functions Supported
The GE Fanuc IC693PCM300 Programmable Coprocessor Module (PCM) is a solid-state microcomputer module that is made to act as a coprocessor in a GE-Fanuc Series 90-30 PLC. Depending on the application that the PLC is handling, the PCM can function as a Communications Coprocessor Module (CCM) or an ASCII/BASIC Module (ABM). It comes from the factory with 2 serial ports that can be used either as connection points for the Communications Coprocessor Module function or for running the MegaBasic applications. Installing the GE Fanuc IC693PCM300 Programmable Coprocessor Module is very simple because it only occupies a single slot in any Series 90-30 baseplate, but precautions should be taken because it does not allow for hot-swapping operations.

Devices like industrial computers, peripheral monitors, process controllers can communicate with a GE Fanuc Series 90-30 PLC by using the GE Fanuc IC693PCM300 Programmable Coprocessor Module as an interface or communication gateway. A wide variety of MegaBasic operator interface functions such as data acquisition, data storage and retrieval, and real-time computing can be edited, configured, and adapted for the monitoring and control of different application processes and machinery from the GE Fanuc IC693PCM300 Programmable Coprocessor Module. User memory is maintained on the module even after a power interruption by the use of an internal lithium battery included from the factory. There are 3 status LEDs on the module which include 1 OK LED that indicates the module’s status and 2 user-configurable LEDs called User 1 and User 2. The OK LED will be on when the module is working properly, off when the module is not working, and it will be flashing during the power-up diagnosis.

Technical Specifications

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