GE Series 90-30 Series Service Manual

IC693PCM311

1. Description

The GE Fanuc IC693PCM311 Programmable Coprocessor Module (PCM) adds 2 serial connection ports and a total of 640K of memory to the factory settings of a GE Fanuc Series 90-30 PLC. It is easy to install in any of the slots available on a Series 90-30 baseplate except the first one, which is reserved for the system power supply.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693PCM311**
Type	**of component Programmable Coprocessor Module**
Communication	**Protocols supported Modbus RTU and GE Fanuc CCM**
Memory	**Backup Lithium Battery provided**
Replacement	**Battery IC693ACC301 (pkg of 2)**
Battery	**Backed RAM 640 K**
Dedicated	**MegaBasic memory 190 K**
Number	**of Status LEDs 3**
Number	**of Ports 2**
GE	**Fanuc designs and manufactures several types of Programmable Coprocessor Modules (PCMs), and one of them is the IC693PCM311 PCM which is an additional serial communication card for the GE Fanuc Series 90-30 PLCs which enables the users to connect peripheral devices such as industrial printers, barcode readers, personal computers or programming interfaces to the PLC. It is designed with a total available memory capacity of 640K and a dedicated MegaBasic memory capacity of 190K. On the front of the IC693PCM311 Programmable Coprocessor Module Card's faceplate, there are 3 LEDs. One of them shows the working status of the module (on or off)**

3. Product Information

The GE Fanuc IC693PCM311 Programmable Coprocessor Module (PCM) adds 2 serial connection ports and a total of 640K of memory to the factory settings of a GE Fanuc Series 90-30 PLC. It is easy to install in any of the slots available on a Series 90-30 baseplate except the first one, which is reserved for the system power supply.

Technical specifications for IC693PCM311

Brand GE Fanuc

Series Series 90-30

Part Number IC693PCM311

Type of component Programmable Coprocessor Module

Communication Protocols supported Modbus RTU and GE Fanuc CCM

Memory Backup Lithium Battery provided

Replacement Battery IC693ACC301 (pkg of 2)

Battery Backed RAM 640 K

Dedicated MegaBasic memory 190 K

Number of Status LEDs 3

Number of Ports 2

GE Fanuc designs and manufactures several types of Programmable Coprocessor Modules (PCMs), and one of them is the IC693PCM311 PCM which is an additional serial communication card for the GE Fanuc Series 90-30 PLCs which enables the users to connect peripheral devices such as industrial printers, barcode readers, personal computers or programming interfaces to the PLC. It is designed with a total available memory capacity of 640K and a dedicated MegaBasic memory capacity of 190K. On the front of the IC693PCM311 Programmable Coprocessor Module Card's faceplate, there are 3 LEDs. One of them shows the working status of the module (on or off), and the other 2 show the status of each of the ports, but they can be configured by the users to indicate another variables as well. Both the MegaBasic and the C programming languages are supported by the PCM. With the GE IC693PCM311 Programmable Coprocessor Module Card, the programmable logic controllers are able to receive signals coming from any imaginable device as long as they are sent by using a serial communication protocol. It is up to the users to configure the device in order to get the most out of this powerful coprocessing tool. The installation process of the IC693PCM311 Programmable Coprocessor Module Card simply consists of inserting the card into any of the slots available on a GE Fanuc Series 90-30 PLC chassis. The only slot that is not usable for connection of this module is the first one on the left side of the chassis because that slot is reserved for the installation of the system’s power supply. Only properly trained technicians should perform any servicing or installation work on the module.