GE Series 90-30 Series Service Manual

IC693PIF300

1. Description

The GE Fanuc IC693PIF300 PC Interface Card (PCIF) Module is a low-cost solution for connecting a personal computer to a GE Fanuc Series 90-30 PLC, in order to monitor and control the variables of the application processes. It can be easily inserted in any 8-bit computer slot with the ISA Bus, PC, or AT protocols, and the configuration process can be made by using any third-party software running in common operating systems such as

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693PIF300**
Type	**of component Interface Card (PCIF) Module**
Power	**Supply Voltage 5 VDC from Computer**
Compatible	**PLCs GE Fanuc Series 90-30 PLCs**
Networking	**Protocols Supported ISA Bus, PC or AT protocols**
Maximum	**Distance From PLC 700 feet (213 meters)**
Expansion	**Connectors GE Fanuc female-D 25-pin**
Supported	**Peripherals Expansion racks (including remote I/O racks)**
The	**GE Fanuc PLC (Programmable Logic Controller) is designed with an additional feature that allows it to connect with a desktop PC or laptop and the computer networks they are running by using the GE Fanuc IC693PIF300 PC Interface Card which is also known as the IC693PIF300 PCIF Module. Industrial machine users can take advantage of this interface card to monitor and/or control the field inputs and outputs coming from a PLC processor system to interact with a total of up to 1280 bytes of data between the PLC and a personal computer. Up to 4 GE Fanuc Series 90-30 PLC expansion racks**

3. Product Information

The GE Fanuc IC693PIF300 PC Interface Card (PCIF) Module is a low-cost solution for connecting a personal computer to a GE Fanuc Series 90-30 PLC, in order to monitor and control the variables of the application processes. It can be easily inserted in any 8-bit computer slot with the ISA Bus, PC, or AT protocols, and the configuration process can be made by using any third-party software running in common operating systems such as

Technical specifications for IC693PIF300

Brand GE Fanuc

Series Series 90-30

Part Number IC693PIF300

Type of component Interface Card (PCIF) Module

Power Supply Voltage 5 VDC from Computer

Compatible PLCs GE Fanuc Series 90-30 PLCs

Networking Protocols Supported ISA Bus, PC or AT protocols

Maximum Distance From PLC 700 feet (213 meters)

Expansion Connectors GE Fanuc female-D 25-pin

Supported Peripherals Expansion racks (including remote I/O racks)

The GE Fanuc PLC (Programmable Logic Controller) is designed with an additional feature that allows it to connect with a desktop PC or laptop and the computer networks they are running by using the GE Fanuc IC693PIF300 PC Interface Card which is also known as the IC693PIF300 PCIF Module. Industrial machine users can take advantage of this interface card to monitor and/or control the field inputs and outputs coming from a PLC processor system to interact with a total of up to 1280 bytes of data between the PLC and a personal computer. Up to 4 GE Fanuc Series 90-30 PLC expansion racks (including remote I/O racks) can be linked to any personal computer through an IC693PIF300 PCIF Interface Card at a time. The connection racks can be situated at up to 700 feet (213 meters) of distance away from the PC where the PCIF module will be installed.

The users can install the IC693PIF300 PC Interface Card sliding the card in an available desktop computer expansion slot, which can be any available 8-bit slot from an ISA Bus, PC, or AT protocol. The configuration is simply made through a compatible third-party software that is commonly used with operating systems such as the MS-DOS, Microsoft Windows, or Linux operating systems. Additional PLC racks must be connected by using GE Fanuc female-D 25-pin connectors that are wired with standard cables. The expansion wires, including the corresponding connectors, can be purchased from GE Fanuc in standard lengths, or they can also be cut to the correct size according to the application’s connection needs. The GE Fanuc IC693PIF300 PC Interface Card is a low-cost solution for automation processes using legacy equipment and for upgrading the control platform to create a better interface.