# GE Series 90-30 Series Service Manual

IC693CPU321

## 1. Description

The GE Fanuc IC693CPU321 CPU baseplate is made for the Series 90-30 PLC system. This CPU is embedded in a 10-slot Series 90-30 baseplate, and it has 430 millamps of backplane current draw at 5 Volts DC.

## 2. Specifications

| Specification | Value |
|---|---|
| Brand | **GE Fanuc** |
| Series | **Series 90-30** |
| Part | **Number IC693CPU321** |
| Description | **CPU Baseplate** |
| Application | **Series 90-30 PLC System** |
| Operating | **Voltage 5.0 Volts DC** |
| Backplane | **Current 430 milliamps** |
| I/O | **Capacity 320 Discrete Inputs/Outputs or 64 Analog Input and 32 Analog Outputs** |
| Location | **10-Slot 90-30 Series Baseplate** |
| Connectors | **15-Pin D Type RS-485 Port** |
| Average | **Weight 2.2 Pounds** |
| The | **GE Fanuc IC693CPU321 CPU baseplate is a 10-slot I/O baseplate with an embedded CPU for the Series 90-30 PLC system. The IC693CPU321 baseplate belongs to the Series 90-30 embedded CPU baseplate family, and it is designed to provide low-cost PLC installation solutions. The IC693CPU321 CPU baseplate consists of a CPU and integrated memory circuit chips (RAM, EPROM, and EEPROM) that are all soldered firmly to the backplane circuit of the baseplate. The IC693CPU321 CPU baseplate does not come with an expansion connector and thus it does not support the use of expansion or remote racks. It has a maximum I/O capacity of 10 I/O** |

## 3. Product Information

The GE Fanuc IC693CPU321 CPU baseplate is made for the Series 90-30 PLC system. This CPU is embedded in a 10-slot Series 90-30 baseplate, and it has 430 millamps of backplane current draw at 5 Volts DC.

Technical specifications for IC693CPU321

Brand GE Fanuc

Series Series 90-30

Part Number IC693CPU321

Description CPU Baseplate

Application Series 90-30 PLC System

Operating Voltage 5.0 Volts DC

Backplane Current 430 milliamps

I/O Capacity 320 Discrete Inputs/Outputs or 64 Analog Input and 32 Analog Outputs

Location 10-Slot 90-30 Series Baseplate

Connectors 15-Pin D Type RS-485 Port

Average Weight 2.2 Pounds

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The IC693CPU321 CPU baseplate supports a maximum of 320 discrete inputs and 320 discrete outputs, or 64 analog inputs and 32 analog outputs. The IC693CPU321 CPU baseplate has 1 built-in RS-485 15-pin D-type female connector port on the power supply for connection to a personal computer running the GE Fanuc Windows-based PLC programming software, a GE Fanuc hand-held programmer, and other serial devices. It also supports other communication options like the Serial SNP, RTU, LAN-Genius, Ethernet SRTP, Ethernet Modbus TCP, Profibus-DP, and DeviceNet modules. The IC693CPU321 baseplate supports software configuration by using the DOS-based LogicMaster, Windows-based Versa-Pro, and Proficy Logic Developer (Machine Edition) software. The IC693CPU321 CPU baseplate has a battery-backed 12-KB user logic memory for application storage, and it has a maximum backplane current draw of 430 milliamps at 5 Volts DC.