GE Series 90-70 Series Service Manual

IC697CPU731

1. Description

The Series 90-70 IC697CPU731 CPU is manufactured by GE Fanuc and it can be programmed with Windows-based software. It can process data from any mix of 512 inputs and outputs.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697CPU731**
Product	**Type PLC CPU**
Microprocessor	**Type 80C186 Microprocessor**
Maximum	**Analog I/O 8000**
Real-Time	**Application Control Supported**
Communication	**Through the Backplane**
Remote	**Module Control Supported**
Maximum	**I/O 512 (any mix)**
The	**GE Fanuc IC697CPU731 CPU is part of the GE Series 90-70 product line of components that are made to be connected as PLCs or programmable logic controller systems. It is a single-slot CPU, which means that it only needs to be installed in 1 slot in a PLC baseplate to stay securely in place and to operate properly. The purpose of the IC697CPU731 CPU is to process the data it receives from as many as 512 inputs and outputs that can be arranged in any mix. It can also support 8000 analog I/O. The microprocessor that this CPU uses is an 80C186 Microprocessor that is rated at 12 Mhz. The data and program memory in the IC697CPU731 CPU can be configured by the users.**

3. Product Information

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Technical specifications for IC697CPU731

Manufacturer GE Fanuc

Series Series 90-70

Part Number IC697CPU731

Product Type PLC CPU

Microprocessor Type 80C186 Microprocessor

Maximum Analog I/O 8000

Real-Time Application Control Supported

Communication Through the Backplane

Remote Module Control Supported

Maximum I/O 512 (any mix)

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The GE Fanuc Series 90-70 IC697CPU731 CPU can be programmed through DOS or Windows-based software to control material handling systems and application processes in real time. It uses the backplane of the PLC that it is part of to communicate with the connected I/O modules and with various smart option modules if the PLC has any. Some of the compatible smart option modules that are available include multiple Communications modules and Coprocessor modules and the IC697 LAN interface modules IC697 discrete and analog I/O modules. The operation of the modules can be controlled with a switch that can be set to 1 of 3 positions or it can be controlled remotely through a connected programmer and programming software. The IC697CPU731 CPU must be installed when the PLC is powered off and its battery needs to be connected to 1 of the battery connectors.