GE Series 90-30 Series Service Manual

IC693PRG300

1. Description

The IC693PRG300 PLC module is a handheld programming device. It has been manufactured by GE Fanuc.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693PRG300**
Description	**Handheld programming device**
Keypad	**42 keys**
Display	**2 line / 16 characters display**
Expandable	**Memory Present**
Memory	**Type Non-volatile**
Communication	**Parameter Configuration Not Required**
Tactile	**Feedback Supported**
Product	**Lifecycle Status* Discontinued/ObsoleteThe IC693PRG300 module is a GE Fanuc handheld programming device. It is part of Series 90-30. The main function of this device is to monitor logical operations, and to configure and debug issues in the application programs. It is a PLC device that can modify the I/O parameters. It can be connected to a CPU by using its serial port. A 15-pin D-type connector is present in the device that connects with the CPU serial port. The IC693PRG300 module uses the statement list language. The handheld programming device or HHP device does not require any communication parameter configuration in order to communicate with a PLC. The front part of the HHP has a keypad with 42 k**

3. Product Information

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Technical specifications for IC693PRG300

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Series Series 90-30

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Keypad 42 keys

Display 2 line / 16 characters display

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Product Lifecycle Status* Discontinued/ObsoleteThe IC693PRG300 module is a GE Fanuc handheld programming device. It is part of Series 90-30. The main function of this device is to monitor logical operations, and to configure and debug issues in the application programs. It is a PLC device that can modify the I/O parameters. It can be connected to a CPU by using its serial port. A 15-pin D-type connector is present in the device that connects with the CPU serial port. The IC693PRG300 module uses the statement list language. The handheld programming device or HHP device does not require any communication parameter configuration in order to communicate with a PLC. The front part of the HHP has a keypad with 42 keys that are arranged in a matrix format that measures 6 keys across by 7 keys down. The keypad offers tactile feedback and it is easy to use. An LCD screen is also present along with the keypad and the screen can display 2 lines with 16 characters of information at a time.

The GE Fanuc IC693PRG300 module is equipped with a memory card slot that can accept non-volatile data storage for backup and restoration purposes. The memory card slot is present on the lower right side of the device. The IC693PRG300 module operates in 4 different modes, and these are the Program mode, the Protection mode, the Data mode, and the Configuration mode. The Program mode allows an operator to create, change, monitor, and debug statements. The Protection mode offers a way to control the access to different PLC functions. In the Data mode, an operator can alter the values in different reference tables, and the Configuration mode is used to define the type of I/O modules that are needed for the applications that are run in the PLC system.