GE Series 90-30 Series Service Manual

IC693ACC310

1. Description

The IC693ACC310 is a slot filler module unit that is part of the Series 90-30 Programmable Logic Controller (PLC) system, formerly by GE Fanuc, now under Emerson Automation. This module is designed to occupy a single slot of Series 90-30 backplane, protecting the electronic circuitry from industrial elements.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Manufacturer	**GE Fanuc**
Manufacturer	**GE Fanuc (Former); Emerson Automation (Current)**
Part	**Number IC693ACC310**
Series	**Series 90-30**
Part	**Number IC694ACC310**
Product	**Type Filler module**
Product	**Description Filler module**
Product	**Description Slot cover**
Ethernet	**Supported**
Slot	**width Single slot**
No.	**of slots covered Single slot**
Supported	**Component PLC**
Rack	**location Any slot**
Compatible	**controller All Series 90-30 CPUs**
Application	**Training Simulators**
Supply	**Voltage None**
Compatible	**rack Local rack, Expansion / Remote racks, Distributed I/O racks**
Item	**Name Filler Module**
Compatible	**Baseplate IC693CPU311 and IC693CPU313 Five (5) slot Embedded CPU baseplates; IC693CPU323 Ten (10) slot embedded CPU baseplate; IC693CHS397 Five (5) slot modular baseplate; IC693CHS391 Ten (10) Slot modular CPU baseplate; IC693CHS398 Five (5) slot expansion baseplate; IC693CHS392 Ten (10) slot expansion baseplate; IC693CHS399 Five (5) slot remote baseplate; IC693CHS393 Ten (10) slot remote b**

3. Product Information

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Technical specifications for IC693ACC310

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Manufacturer GE Fanuc

Manufacturer GE Fanuc (Former); Emerson Automation (Current)

Part Number IC693ACC310

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Removal and Insertion Under Power Allowed

Voltage Rating 120 VAC

Installation Instances None

No. of module installations As needed

Amperage Rating 0.5 A

Current draw None

Backplane Current draw None

LED indicators None

Status LED indicators None

Removal Terminal Block None

Module Insert None

Communication None

LED Status indicator None

Insertion and Removal Under Power Supported

Programming required None

Product Lifecycle Status Discontinued/Obsolete

Communication None

No. of I/Os None

Product Lifecycle Active

The IC694ACC310 is a series 90-30 Programmable Logic Controller (PLC) platform accessory module. This module is technically called as a filler module, sometimes also referred as slot filler or dummy module. This component is mainly used to cover a vacant slot of a series 90-30 baseplate and protect the electronic circuitry from the damage due to exposure to dust, dirt, oil, water, chemical and other industrial elements. The IC694ACC310 occupies a single slot of the chassis. It supports removal and insertion under power as this filler module does not connect to the backplane as it does not carry contain any electronic circuitry however, in old installations that are regularly exposed to vibration and shock, careful insertion and removal should be observed. The IC694ACC310 can be installed in the local backplane where the Central Processing Unit (CPU) is installed; to an expansion backplane, a remote backplane or distributed I/O station along a Network interface Module (NIU). There is no limit to the number of installation instances of the IC694ACC310. It may be used as needed and as required by the control system. The IC694ACC310 physical dimensions is similar to fully functional modules however, the monitoring features and module I/O tagging is not available to this component as it does not come with LED status indicator and a module insert. To install the IC694ACC310 to a Series 90-30 baseplate, align the module directly on top of the vacant slot and along the edges of the adjacent module. Slightly push the module and press until the top and bottom latch attached to the baseplate.

The IC693ACC310 module is a filler module manufactured by GE Fanuc in Series 90-30. One notable thing about the IC693ACC310 filler module by GE Fanuc is that it is compatible with a wide range of PLCs or Programmable Logic Controllers which are in the GE Fanuc Series 90-30 Programmable Logic Controllers product line. When using one of the PLCs in this product line, some of the I/O slots in the modules baseplates will be redundant in the controller’s applications and they will be left empty unless a filler module like the IC693ACC310 filler module is installed. The filler module prevents dust from entering the connectors at the CHS racks. It is essential to ensure that all the unused slots in the baseplates are filled during applications to prevent dust from entering the components, and they can be filled by active devices or modules or a blank filler module like the GE Fanuc IC693ACC310 filler

module. The GE Fanuc Series 90-30 IC693ACC310 filler module is designed to be easy to uses, which means that technicians do not need a lot of technical knowledge to install it properly.