GE Field Control Series Service Manual

IC670CHS103

1. Description

I/O Base, Connector Style, Hot Insertion CHS103 GE Fanuc Field Control IC670 IC670CH IC670CHS The Field Control IC670CHS103 base is an I/O base unit made by GE Fanuc. The unit supports the hot insertion method of module installation. It is compatible with the following field control modules: the IC670, IC670CH, and IC670CHS series modules. The unit has a rated voltage of 115 Volts AC or 125 Volts DC and an inrush current of 20 Amps. Technical specifications for IC670CHS103

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Field Control**
Part	**Number IC670CHS103**
Type	**I/O base**
Style	**Connector, hot insertion**
Compatibility	**Field control IC670 / IC670CH / IC670CHS**
Nominal	**Rated Voltage 115 Volts AC, 125 Volts DC**
Voltage	**Range 90 to 135 Volts AC / 105 to 150 Volts DC**
Frequency	**47 to 63 Hertz**
Power	**at 115 Volts AC 48 Volt-Amps (maximum) at full load**
Power	**at 125 Volts AC 24 Watts (maximum) at full load**
Inrush	**Current 20 Amps (peak), 3 milliseconds (maximum)**
Power	**Supply Output 6.5 Volts DC**
Holdup	**Time 20 milliseconds (maximum) Description**
The	**Field Control IC670CHS103 base is an I/O base unit that is intended for usage with other Field Control units that are manufactured by GE Fanuc. The I/O terminal blocks that can be installed on this base unit includes terminals that are used for barriers and it supports the safe installation of modules in order to avoid the generation of the wrong kind of data. The IC670CHS103 base unit allows for the insertion and removal of modules with the power on i**

3. Product Information

I/O Base, Connector Style, Hot Insertion CHS103 GE Fanuc Field Control IC670 IC670CH IC670CHS The Field Control IC670CHS103 base is an I/O base unit made by GE Fanuc. The unit supports the hot insertion method of module installation. It is compatible with the following field control modules: the IC670, IC670CH, and IC670CHS series modules. The unit has a rated voltage of 115 Volts AC or 125 Volts DC and an inrush current of 20 Amps. Technical specifications for IC670CHS103

Brand GE Fanuc

Series Field Control

Part Number IC670CHS103

Type I/O base

Style Connector, hot insertion

Compatibility Field control IC670 / IC670CH / IC670CHS

Nominal Rated Voltage 115 Volts AC, 125 Volts DC

Voltage Range 90 to 135 Volts AC / 105 to 150 Volts DC

Frequency 47 to 63 Hertz

Power at 115 Volts AC 48 Volt-Amps (maximum) at full load

Power at 125 Volts AC 24 Watts (maximum) at full load

Inrush Current 20 Amps (peak), 3 milliseconds (maximum)

Power Supply Output 6.5 Volts DC

Holdup Time 20 milliseconds (maximum) Description

The Field Control IC670CHS103 base is an I/O base unit that is intended for usage with other Field Control units that are manufactured by GE Fanuc. The I/O terminal blocks that can be installed on this base unit includes terminals that are used for barriers and it supports the safe installation of modules in order to avoid the generation of the wrong kind of data. The IC670CHS103 base unit allows for the insertion and removal of modules with the power on in a manner which does not affect other devices that are installed on the I/O station. In other words, the power does not have to be turned off in order to change the modules on the terminal block. The IC670CHS103 base unit is compatible with the field control units in the IC670, IC670CH, and IC670CHS series.

The IC670CHS103 I/O base unit provides various keying locations for module installation and it includes a kit of all the necessary keys and tools. The I/O terminal block has keying slots and key clips that help with hassle-free module installation. The IC670CHS103 base unit supports installation in environments with Class I, Division 2, Groups A/B/C/D ratings, which are general non-hazardous environments. The equipment can be used within hazardous areas too, but the unit needs to be turned off before any actions like the removal or replacement of the modules that it hosts take place. The IC670CHS103 unit operates on a voltage of 115 Volts AC or 125 Volts DC and it has an input frequency of 47 to 63 Hertz. The unit consumes 48 Volt-Amps or 24 Watts of power, depending on the type of power source that is used. The base unit has an inrush current of 20 Amps at its peak and it requires up to 20 milliseconds for the hold up time.