GE Field Control Series Service Manual

IC670CHS003

1. Description

I/O Base, Connector Style GE Fanuc Field Control CHS003 Rack PLC GE IC670C IC670CH IC670CHS

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Field Control**
Part	**Number IC670CHS003**
Type	**of Component I/O Terminal Block**
Number	**of Terminals 20**
Terminal	**Connection Wiring AWB 16-20**
Terminal	**Torque 4.5 pounds on an inch**
Maximum	**Current on Terminals 10 Amperes**
Module	**Compatibility Modules whose catalog number suffix is J or beyond**
IP	**Rating IP20**
BIU	**Version Bus Interface Unit version 2.1 or later Description**
GE	**Fanuc has designed and manufactured the IC670CHS003 terminal block in the Field Control series to adapt to the users' needs and different wiring preferences. It has been designed to be easy to install with wiring to the board interface. The IC670CHS003 I/O terminal block comes with wire-to-board connectors. As its name suggests, the connections to the inputs on this terminal block are made through wires, normally AWB 16-20 gauge wires, and the terminal block is then interfaced into a GE Fanuc connector for the quick insertion or removal of the I/O modules. The GE Fanuc IC670CHS003 I/O terminal block wit**

3. Product Information

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Download our IC670CHS003 Wiring Diagram The GE Fanuc IC670CHS003 I/O terminal block with wire-to-board connectors is an assembly designed for terminating application wiring into a 20-pin, male-style connector for the easy connection and disconnection of modules. It is compatible with hot-swapping operations and it can accommodate up to 20 different wires by assigning each one of them a pin that will be used according to the module that is chosen for a specific Technical specifications for IC670CHS003

Brand GE Fanuc

Series Field Control

Part Number IC670CHS003

Type of Component I/O Terminal Block

Number of Terminals 20

Terminal Connection Wiring AWB 16-20

Terminal Torque 4.5 pounds on an inch

Maximum Current on Terminals 10 Amperes

Module Compatibility Modules whose catalog number suffix is J or beyond

IP Rating IP20

BIU Version Bus Interface Unit version 2.1 or later Description

GE Fanuc has designed and manufactured the IC670CHS003 terminal block in the Field Control series to adapt to the users' needs and different wiring preferences. It has been designed to be easy to install with wiring to the board interface. The IC670CHS003 I/O terminal block comes with wire-to-board connectors. As its name suggests, the connections to the inputs on this terminal block are made through wires, normally AWB 16-20 gauge wires, and the terminal block is then interfaced into a GE Fanuc connector for the quick insertion or removal of the I/O modules. The GE Fanuc IC670CHS003 I/O terminal block with wire-to-board connectors accommodates up to 20 independent connection points or pins into a male connector assembly.

The female connector matching the IC670CHS003 I/O terminal block's male connector is identified with the part number 178289-8. Depending on the final user application, each pin of the terminal box will receive a different function. The user manual of the GE Fanuc IC670CHS003 I/O terminal block will guide the users through connecting different GE Fanuc modules to the terminal block. It is the users' responsibility to provide the installers with an appropriate crimping tool so that the cable connections in the terminal block are properly done. Only trained personnel with proven electrical experience should be allowed to perform the connection, disconnection, troubleshooting, and maintenance work on the GE Fanuc IC670CHS003 I/O terminal block. Given the low environmental protection rating of this terminal block and its wiring (IP 20), it is strongly recommended to place the terminal block inside a protective panel board.