

IC670CHS003

I/O Terminal Block with Wire-to-Board Connectors

GE IC670CHS003 is a I/O Terminal Block with Wire-to-Board Connectors for the Field Control distributed I/O. It provides the documented field interface or control function in the configured system.

BRAND	General Electric	FAMILY	Field Control distributed I/O
PART	IC670CHS003	SYSTEM ROLE	Provides the documented i/o terminal block with wire-to-board connectors function

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IC670CHS003

MANUFACTURER SOURCE RECORD

Field Control Distributed I/O and Control System I/O Modules User's Manual
GFK-0826J, June 2002

Product Overview

SYSTEM FUNCTION

GE IC670CHS003 is a I/O Terminal Block with Wire-to-Board Connectors for the Field Control distributed I/O. It provides the documented field interface or control function in the configured system.

FUNCTION 1

Provides the documented i/o terminal block with wire-to-board connectors function

FUNCTION 2

Uses exact catalog identity IC670CHS003 for replacement control

FUNCTION 3

Integrates with the matched Field Control distributed I/O hardware

FUNCTION 4

Supports controlled connection checks and functional verification

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Field Control distributed I/O
Primary interface	Provides the documented i/o terminal block with wire-to-board connectors function
Engineering context	The component is used with the exact terminal assembly, carrier, power grouping and bus configuration identified for IC670CHS003. Commissioning preserves the installed point map and verifies controlled field response.
Commissioning duty	Complete a controlled signal or load test before returning the station to service.

TECHNICAL NOTE

Install IC670CHS003 only in the documented Field Control distributed I/O position. Preserve the as-found terminal mapping and configuration, then verify diagnostics and the affected field function under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Connector style	Wire-to-board	Mating connector	AMP 178289-8
Connector count	Two	Mating connector kit	IC670ACC003
Connector size	20-pin male	Hot insertion/removal	Not supported by IC670CHS003

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
IS215PMVPH1AA-IS200MVREH1ABB	product page	View IS215PMVPH1AA-IS200MVREH1ABB page
IC693MDR390	product page	View IC693MDR390 page
MVTP31V1CB0751E	product page	View MVTP31V1CB0751E page
DS215TCCAG1BZZ01	product page	View DS215TCCAG1BZZ01 page
IS210AEAAH2BJE	product page	View IS210AEAAH2BJE page
IS200HSLAH1ADE	product page	View IS200HSLAH1ADE page
IS210MVRAH2A-IS200MVRAH2AFC	product page	View IS210MVRAH2A-IS200MVRAH2AFC page
IS200BPPBH2CAA	product page	View IS200BPPBH2CAA page

ENGINEERING BOUNDARY

Confirm IC670CHS003, Field Control distributed I/O host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

Applications and Precautions

Common Applications

Field Control distributed I/O station maintenance

Restores the documented i/o terminal block with wire-to-board connectors function in an engineered station.

Distributed I/O refurbishment

Uses exact IC670CHS003 identity when rebuilding the recorded field interface.

Control-panel modernization

Preserves the approved terminal, power and communications arrangement during migration work.

Controlled recommissioning

Verifies point mapping, diagnostics and field response before process release.

Product Precautions

- 1

Confirm the full IC670CHS003 catalog marking and installed Field Control distributed I/O position before work.
- 2

Isolate the station supply and connected field energy using the approved procedure.
- 3

Record every terminal, common, shield, connector and configured point before removal.
- 4

Use ESD controls and protect backplane, terminal and connector contacts from contamination.
- 5

Verify each documented value for IC670CHS003 against the installed host and field circuit.
- 6

Restore the approved terminal assembly, power grouping and configuration record.
- 7

Energize in the prescribed sequence and review module, bus and point diagnostics.
- 8

Complete a controlled signal or load test before returning the station to service.

IMPORTANT NOTICE

Confirm IC670CHS003, Field Control distributed I/O host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	IC670CHS003
Configuration	Energize in the prescribed sequence and review module, bus and point diagnostics.
Functional release	Complete a controlled signal or load test before returning the station to service.

Engineer FAQ

Q1 How is IC670CHS003 identified?

Match the complete catalog number and the I/O Terminal Block with Wire-to-Board Connectors designation.

Q3 What records are retained before removing IC670CHS003?

Record terminals, commons, shields, connectors, point mapping and diagnostics.

Q5 Which official values govern IC670CHS003?

Connector style: Wire-to-board; Connector count: Two; Connector size: 20-pin male; Mating connector: AMP 178289-8.

Q7 Which diagnostics follow IC670CHS003 energization?

Review module, bus and channel status in the prescribed startup sequence.

Q2 Which system accepts IC670CHS003?

Use the documented Field Control distributed I/O carrier, terminal and bus arrangement.

Q4 How is IC670CHS003 isolated safely?

Isolate station and field supplies, prove the safe state and apply ESD controls.

Q6 How is IC670CHS003 configuration restored?

Restore the approved hardware execution, power grouping and point map.

Q8 What releases IC670CHS003 to service?

A controlled signal or load test with the expected field response and no active diagnostic.

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