

IC670TBM001

Auxiliary Terminal Block with Barrier Terminals

GE IC670TBM001 is a Auxiliary Terminal Block with Barrier Terminals 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	IC670TBM001	SYSTEM ROLE	Provides the documented auxiliary terminal block with barrier terminals function

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IC670TBM001

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 IC670TBM001 is a Auxiliary Terminal Block with Barrier Terminals 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 auxiliary terminal block with barrier terminals function

FUNCTION 2

Uses exact catalog identity IC670TBM001 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 auxiliary terminal block with barrier terminals function
Engineering context	The component is used with the exact terminal assembly, carrier, power grouping and bus configuration identified for IC670TBM001. 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 IC670TBM001 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
Terminal style	Barrier	Internal connection	All terminals common internally
Terminal count	9	Primary use	Ground, return, common or extra wiring terminals
Wire capacity	One or two wires up to AWG 14	Mounting	Attaches to an I/O terminal block

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
HE693SNP900	product page	View HE693SNP900 page
IC660BBD022-855138	product page	View IC660BBD022-855138 page
IS200TRL YH1BGF	product page	View IS200TRL YH1BGF page
IS420ESWBH2A	product page	View IS420ESWBH2A page
IS220PSFDH1A	product page	View IS220PSFDH1A page
IS200TRPGH2B-421084	product page	View IS200TRPGH2B-421084 page
IS200SHRAH2A	product page	View IS200SHRAH2A page
IS200WROBH1A	product page	View IS200WROBH1A page

ENGINEERING BOUNDARY

Confirm IC670TBM001, 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 auxiliary terminal block with barrier terminals function in an engineered station.

Distributed I/O refurbishment

Uses exact IC670TBM001 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 IC670TBM001 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 IC670TBM001 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 IC670TBM001, 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	IC670TBM001
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 IC670TBM001 identified?

Match the complete catalog number and the Auxiliary Terminal Block with Barrier Terminals designation.

Q3 What records are retained before removing IC670TBM001?

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

Q5 Which official values govern IC670TBM001?

Terminal style: Barrier; Terminal count: 9; Wire capacity: One or two wires up to AWG 14; Internal connection: All terminals common internally.

Q7 Which diagnostics follow IC670TBM001 energization?

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

Q2 Which system accepts IC670TBM001?

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

Q4 How is IC670TBM001 isolated safely?

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

Q6 How is IC670TBM001 configuration restored?

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

Q8 What releases IC670TBM001 to service?

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

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