IC670TBM002

Auxiliary Terminal Block with Box Terminals

GE IC670TBM002 is a Auxiliary Terminal Block with Box 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	IC670TBM002	SYSTEM ROLE	Provides the documented auxiliary terminal block with box terminals function

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IC670TBM002

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 IC670TBM002 is a Auxiliary Terminal Block with Box 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 box terminals function

FUNCTION 2

Uses exact catalog identity IC670TBM002 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 box terminals function
Engineering context	The component is used with the exact terminal assembly, carrier, power grouping and bus configuration identified for IC670TBM002. 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 IC670TBM002 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	Box	Two-wire capacity	Up to AWG 18
Terminal count	13	Internal connection	All terminals common internally
Single-wire range	AWG 14 to AWG 22	Primary use	Ground, return, common or extra wiring terminals

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
IS200BPIBG1A-C2-A0IS200BPIBG1AEB	product page	View IS200BPIBG1A-C2-A0IS200BPIBG1AEB page
IS200ECGIH1A-C2-A0IS200ECGIH1APR2	product page	View IS200ECGIH1A-C2-A0IS200ECGIH1APR2 page
RE421REPAH1APR4	product page	View RE421REPAH1APR4 page
8851-LC-MT	product page	View 8851-LC-MT page
IS200DSPXH1DBD	product page	View IS200DSPXH1DBD page
IS2020JPDCG1ACB	product page	View IS2020JPDCG1ACB page
IS200EISBH1AAA	product page	View IS200EISBH1AAA page
WESDAC-D20ME-GE-HARRIS-820-0468-00	product page	View WESDAC-D20ME-GE-HARRIS-820-0468-00 page

ENGINEERING BOUNDARY

Confirm IC670TBM002, 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 box terminals function in an engineered station.

Distributed I/O refurbishment

Uses exact IC670TBM002 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 IC670TBM002 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 IC670TBM002 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 IC670TBM002, 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	IC670TBM002
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 IC670TBM002 identified?**

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

Q2 **Which system accepts IC670TBM002?**

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

Q3 **What records are retained before removing IC670TBM002?**

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

Q4 **How is IC670TBM002 isolated safely?**

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

Q5 **Which official values govern IC670TBM002?**

Terminal style: Box; Terminal count: 13; Single-wire range: AWG 14 to AWG 22; Two-wire capacity: Up to AWG 18.

Q6 **How is IC670TBM002 configuration restored?**

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

Q7 **Which diagnostics follow IC670TBM002 energization?**

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

Q8 **What releases IC670TBM002 to service?**

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

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