GE IS200TRLYH1BGG

Relay Output Terminal Board

GE IS200TRLYH1BGG is a Mark VI TRLY H1B relay output terminal board that interfaces VCCC or VCRC output control with customer-powered relay and solenoid circuits.

Job objective

Replace, install or verify the exact unit while preserving unrelated wiring, configuration, dimensions, weight and stored product data.

Safe-work boundary

Identify Match the complete model and every suffix to the physical unit.	**Isolate** Apply the plant-approved electrical, process and stored-energy isolation.
Preserve Back up configuration and photograph all connections and settings.	**Control** Use ESD protection and revision-controlled documentation.

Product-specific hazards and controls

1 Isolate customer field power and verify every relay terminal is de-energized before handling IS200TRLYH1BGG.	**2** Record whether the installed Mark VI path uses VCCC or VCRC and whether the application is simplex or TMR.
3 Map all twelve relay positions to their loads, contact usage and safe states before removing conductors.	**4** Preserve the complete IS200TRLYH1BGG revision identity and do not treat another H1B suffix as automatically equivalent.

Required evidence before work

Nameplate photo, installed-position record, connection map, configuration or jumper record, fault history and approved acceptance plan.

02 / PRE-INSTALLATION READINESS

Readiness and interface checklist

Exact identity	GE IS200TRLYH1BGG matches the work order and physical unit
Installed position	Rack, slot, panel and functional assignment recorded
Configuration	Project data, jumpers, settings or calibration state captured
Connections	Every cable, terminal, shield and polarity labeled
Condition	Board, housing, connectors and packaging inspected
Test plan	Expected states, safe response and acceptance evidence agreed

Interface preparation

VCCC/VCRC connection	Carries the Mark VI output commands to the TRLY board
Relay coils	Twelve plug-in magnetic relays translate control commands
Field terminals	Connect application-assigned dry contacts or solenoid circuits
Customer field power	Supplies the external load independently of the logic command path

Pre-job evidence review

H1 Mark VI TRLY H1B terminal board	**H2** Twelve plug-in magnetic relays
H3 VCCC or VCRC associated I/O boards	**H4** Simplex or TMR system arrangements

03 / INSTALLATION SEQUENCE

Controlled replacement workflow

1	Confirm isolation and absence of hazardous energy
2	Compare removed and replacement identities and revisions
3	Photograph, label and verify all connections and settings
4	Remove the existing assembly using ESD-safe handling
5	Inspect mounting, connectors, grounding, ventilation and surrounding hardware
6	Install the exact replacement without forcing connections
7	Restore cables, jumpers and settings from the controlled record
8	Complete final visual, continuity and polarity checks before energization

STOP CONDITIONS

Identity

Stop if the complete model or revision does not match.

Connection

Stop if connector orientation, polarity or terminal mapping is unresolved.

Configuration

Stop if the as-found jumper, project or adjustment record is missing.

System

Stop if grounding, cooling or the safe-state assignment is uncertain.

Staged return to service

Stage 1	Visual inspection, isolation release and controlled power-ready state
Stage 2	Apply power under observation and stop on abnormal indicators, heat or sound
Stage 3	Confirm module recognition, status indications and surrounding-system health
Stage 4	Verify every affected connection, signal or relay path
Stage 5	Exercise the documented function and configured safe response
Stage 6	Archive measurements, settings, results and as-left configuration

Product-specific acceptance focus

5

Record jumper positions on the first six circuits before changing any dry-contact or solenoid selection.

6

Verify field-voltage class, polarity, branch protection and suppression from the controlled site drawings.

7

After reconnection, test each commanded relay at the board and at the field load instead of relying only on software status.

8

Complete acceptance by proving de-energize behavior for communication loss, controller fault and the documented emergency state.

Acceptance evidence

Identity

Photo and record show the exact installed model.

Connections

Terminal, cable and connector checks are complete.

Function

The affected command, indication or supply path has been exercised.

Safe state

Loss-of-power or loss-of-command behavior matches the approved design.

Fault isolation and final record

1	Unexpected state: stop and capture evidence
2	Recheck identity, power boundary, position and connections
3	Compare configuration and revision-controlled records
4	Test the surrounding system before condemning the unit
5	Restore a safe state and document the verified outcome

Apter Power handover record

Model identity	Keep the complete GE model code and every suffix in purchasing, installation and acceptance records.
Verification boundary	Confirm the physical nameplate, installed position and revision-controlled project documents before field work.
Apter Power support	Use the contact details and Apter Power website links in this document for product and sourcing support.

Related Apter Power references

Related Apter Power references	Scope note
GE IS200TRTDH1CCC	Portfolio reference only; verify compatibility independently.
GE 151X1202YE03SA04 IS200STAIH2ADC	Portfolio reference only; verify compatibility independently.
GE IC697ACC724	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record GE IS200TRLYH1BGG Relay Output Terminal Board Verify the complete nameplate before installation.