GE IS200TRLYH1BHH

Relay Output Terminal Board

Relay Branches, Coil Feedback and Field-Load Proof

Plan the change around the powered branch and dry-contact map, then separate the relay command from the actual field response.

Before You Order

Variant decision	Check H1BHH against the coil-feedback requirement; do not select H1C solely by the shared TRLY prefix.
Circuit map	Obtain the channel list, external supply voltages and fuse assignments for the existing board.
Offer inspection	Request relay-side and terminal-side views showing the supplied component population.

The installed relationship

Control input	Simplex or R/S/T arrangement -> voted coil driver
Relay hardware	Socketed mechanical contacts -> assigned powered or dry circuit
Field proof	Branch supply + protection + contact + return -> actual load response

Relay data describe the TRLYH1B design within the offered H1BHH identity. The final HH revision is retained for hardware matching; the comparison does not establish revision interchangeability.

Relay Branches, Coil Feedback — work decisions

1 Map the twelve duties

Identify each Form C assignment and whether it switches a dry circuit or a supplied solenoid branch.

2 Trace protected feeds

Separate the six fused branches from the special unfused feed; retain their original external protection.

3 Inspect socketed components

With the circuit isolated, examine relay seating, fuse holders and terminal retention without changing circuit allocation.

4 Restore command routing

Reconnect the recorded simplex or TMR cable arrangement and corresponding I/O assignment.

5 Separate three observations

For each affected duty compare command, voted coil feedback and actual switched field state.

6 Verify the released state

Prove both operated and released behavior of the receiving actuator under the approved plant procedure.

Interpret the observed fault

Coil commanded, load absent	Trace the branch fuse and field return before treating coil feedback as proof of contact operation.
Unexpected channel behavior	Reconcile the transferred terminal map and powered/dry circuit assignments.
New diagnostic after substitution	Confirm that the board remains H1B rather than a voltage-feedback variant.

Evidence required to release this assembly

Branch record	Each powered circuit has the correct source and protection assignment.
Command record	The affected I/O command produces the expected coil diagnostic.
Functional record	The actual load and released contact state are demonstrated.

Selection Decisions for the Relay Interface

H1B versus H1C	Coil feedback versus isolated contact-voltage feedback; check the alarm interpretation.
H1B versus H1D	Twelve Form C duties versus six Form A duties; retain the required channel map.
Power-distribution boundary	Treat fused branches and the special unfused circuit independently.

Decisions from the observed installation

One output fails while adjacent relays work

Investigate its contact, fuse and field wiring rather than assuming loss of the whole control interface.

A replacement changes the alarm behavior

Check the functional variant before changing application alarm logic.

The evidence to retain for IS200TRLYH1BHH

Terminal evidence	Channel, common, contact form and external supply for each moved circuit.
Functional evidence	Commanded state, coil-feedback result and actual field response recorded separately.

Technical basis

GE Mark VI Control System Guide GEH-6421H, Volume I

Related product references

Separate supply references; listing does not establish interchangeability.

GE IS200TSVCH2AJE	Servo Control Terminal Board; separate supply reference
GE IS200ECTBG2ADE	Exciter Contact Terminal Board; separate supply reference

Discuss IS200TRLYH1BHH and the installed application with Apter Power.
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