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.

01	02	03	04
Mark VI TRLY H1B terminal board	Twelve plug-in magnetic relays	VCCC or VCRC associated I/O boards	Simplex or TMR system arrangements

System position

VCCC or VCRC output command	IS200TRLYH1BGG relay coils	Dry-contact or solenoid field circuit	Customer-powered external load

Product and release scope

Exact identity	Engineering use	Verification boundary	Acceptance
GE IS200TRLYH1BGG is retained without shortening its suffix.	GE IS200TRLYH1BGG retains the full BGG suffix while applying only the documented IS200TRLYH1B family characteristics. The installed drawings determine which outputs are simplex or voted and how customer field power is routed.	Only exact-model or explicitly applicable family facts are populated.	Connections, configuration, function and safe response require recorded proof.

02 / CAPABILITY AND INTERFACE MAP

Verified technical matrix

Product family	Mark VI
Board function	Relay output terminal board
Terminal-board family	TRLY H1B
Relay count	12
Relay type	Plug-in magnetic

Associated I/O boards	VCCC or VCRC
System arrangements	Simplex or TMR
First six circuits	Jumper-selectable solenoid or dry Form-C duty
Field-power basis	Customer-powered output circuits
Complete revision	BGG

Interface architecture

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

Control path

VCCC or VCRC output command	IS200TRLYH1BGG relay coils	Dry-contact or solenoid field circuit	Customer-powered external load

Technical service focus

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

Use cases with controlled scope

Turbine auxiliary outputs

Switches application-assigned contactors, alarms or permissive circuits through documented relay contacts.

Solenoid control

Uses configured relay circuits for external solenoids where the approved power and suppression arrangement is present.

Voted output duties

Supports the TMR output arrangement defined by the installed Mark VI design.

Simplex relay termination

Provides twelve relay-output positions for nonredundant Mark VI field circuits.

INTEGRATION CHECKPOINTS

Identity

GE IS200TRLYH1BGG remains complete in purchasing, drawings and labels.

Host system

Installed position and surrounding hardware are verified before exchange.

Configuration

Project data, jumpers, wiring and settings are recorded as applicable.

Acceptance

Functional and safe-state evidence is captured before release.

Installation decision points

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.

System relationship

VCCC or VCRC output command	IS200TRLYH1BGG relay coils	Dry-contact or solenoid field circuit	Customer-powered external load

FAQ decision matrix

Engineering decision	Controlled response
How many relay outputs are provided by GE IS200TRLYH1BGG?	The applicable TRLY H1B hardware provides twelve relay-output positions.
Which I/O boards are associated with GE IS200TRLYH1BGG?	The Mark VI architecture associates TRLY relay outputs with VCCC or VCRC I/O boards.
Which relay type is used on GE IS200TRLYH1BGG?	The H1B terminal-board family uses twelve plug-in magnetic relays.
Can GE IS200TRLYH1BGG serve simplex and TMR systems?	Yes. The applicable Mark VI documentation identifies TRLY use in simplex or TMR arrangements, with the project design defining the actual circuit.

Eight release precautions

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.
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.

Product verification and contact

Evidence applicability

Evidence record	Applicable scope
GEH-6421H Mark VI Control System Guide Volume I, TRLY architecture tables	Supports only the exact-model or explicitly applicable family facts used in this document.
Exact-model IS200TRLYH1BGG identity records and IS200TRLYH1B hardware data	Supports only the exact-model or explicitly applicable family facts used in this document.

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.