IS200VVIBH1CAB IS200VVIBH1C

Vibration Monitoring VME Board

Engineering reference for system fit, interface boundaries and exact-model technical decisions.

01 System position

Installed role Vibration Monitoring VME Board	**Host platform** GE Mark VI turbine control
Evidence source GE Mark VI Turbine Control System Guide GEH-6421M	**Identity boundary** Use the complete marking and explicitly documented family relationships only.

02 Functional path

Field / companion side	Installed sensor, load, network, terminal or actuator
Exact product role	IS200VVIBH1CAB IS200VVIBH1C - Vibration Monitoring VME Board
Host-system side	GE Mark VI turbine control
Decision output	Verified interface, configuration and acceptance boundary

03 Selection-critical relationships

Vibration channels	Map every configured path; the documented reference is 14.
Signal families	Design the connected circuit around Proximity probes, seismic sensors and keyphasor inputs as configured; verify at the installed terminals.
Terminal-board relationship	Use TVIB vibration terminal board only within the documented terminal-board relationship boundary.
Rack interface	Use VME backplane only within the documented rack interface boundary.
Redundancy support	Map every configured path; the documented reference is Simplex or TMR by project architecture.

04 Engineering data map

Electrical / signal domain

Vibration channels	14
Signal families	Proximity probes, seismic sensors and keyphasor inputs as configured

Interface / processing domain

Terminal-board relationship	TVIB vibration terminal board
Rack interface	VME backplane

Environmental / configuration domain

Redundancy support	Simplex or TMR by project architecture

05 Diagnostic interpretation matrix

Observed issue involving Vibration channels	Compare the installed condition with 14; isolate field, interface and configuration causes before replacing hardware.
Observed issue involving Signal families	Compare the installed condition with Proximity probes, seismic sensors and keyphasor inputs as configured; isolate field, interface and configuration causes before replacing hardware.
Observed issue involving Terminal-board relationship	Compare the installed condition with TVIB vibration terminal board; isolate field, interface and configuration causes before replacing hardware.
Observed issue involving Rack interface	Compare the installed condition with VME backplane; isolate field, interface and configuration causes before replacing hardware.
Observed issue involving Redundancy support	Compare the installed condition with Simplex or TMR by project architecture; isolate field, interface and configuration causes before replacing hardware.

06 Engineering evidence record

Complete marking	IS200VVIBH1CAB IS200VVIBH1C plus visible revision and label details

Installed relationship	Compare H1CAB and H1C markings, VME slot, TVIB execution, cable positions and the fourteen-channel sensor map.
Companion boundary	Restore every channel by sensor family and verify TVIB plus transducer-chain identity before accepting plausible-looking vibration values.
Configuration authority	Approved project backup, drawing or validated application record
Acceptance evidence	Recorded readings, diagnostic state and controlled functional result

07 Source and applicability ledger

Manufacturer reference	GE Mark VI Turbine Control System Guide GEH-6421M
Exact-model scope	IS200VVIBH1CAB IS200VVIBH1C
System scope	GE Mark VI turbine control
Use limit	Family values apply only where the manufacturer relationship is explicit; verify the installed execution.

08 Separate verified listings

GE IC220PBI002	VersaPoint PROFIBUS-DP Network Interface Module; separate listing, not an automatic substitute.
GE IC676PBI008	Eight-Point IP67 PROFIBUS Digital Input Block; separate listing, not an automatic substitute.
GE IS200TBTCH1CBB	Thermocouple Input Terminal Board; separate listing, not an automatic substitute.
GE IS200TRLYH1BED IS200TRLYH1B	Relay Output Terminal Board; separate listing, not an automatic substitute.
GE IS200VAICH1DAA IS200VAICH1D	Analog Input and Output VME Board; separate listing, not an automatic substitute.
GE IS200VCRCH1BBB	Discrete Input and Relay Output VME Board; separate listing, not an automatic substitute.
GE IS200VSVOH1BDC IS200VSVOH1B	Servo Control VME Board; separate listing, not an automatic substitute.
GE IS215VCMIH2CC	VME Communications Interface Board; separate listing, not an automatic substitute.

Discuss system fit and exact marking with Apter Power.
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Quote the complete reference: IS200VVIBH1CAB IS200VVIBH1C