IS200VSVOH1BDC IS200VSVOH1B

Servo Control VME Board

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

01 System position

Installed role Servo Control 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	IS200VSVOH1BDC IS200VSVOH1B - Servo Control VME Board
Host-system side	GE Mark VI turbine control
Decision output	Verified interface, configuration and acceptance boundary

03 Selection-critical relationships

Servo channels	Map every configured path; the documented reference is 4.
Position feedback	Use LVDT inputs only within the documented position feedback boundary.
Pulse-rate inputs	Map every configured path; the documented reference is Six pulse-rate channels in the VSVO architecture.
Terminal-board relationship	Use TSVO servo 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 configuration.

04 Engineering data map

Electrical / signal domain

Servo channels	4
Position feedback	LVDT inputs

Interface / processing domain

Pulse-rate inputs	Six pulse-rate channels in the VSVO architecture
Terminal-board relationship	TSVO servo terminal board

Environmental / configuration domain

Rack interface	VME backplane
Redundancy support	Simplex or TMR by project configuration

05 Diagnostic interpretation matrix

Observed issue involving Servo channels	Compare the installed condition with 4; isolate field, interface and configuration causes before replacing hardware.
Observed issue involving Position feedback	Compare the installed condition with LVDT inputs; isolate field, interface and configuration causes before replacing hardware.
Observed issue involving Pulse-rate inputs	Compare the installed condition with Six pulse-rate channels in the VSVO architecture; isolate field, interface and configuration causes before replacing hardware.
Observed issue involving Terminal-board relationship	Compare the installed condition with TSVO servo 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 configuration; isolate field, interface and configuration causes before replacing hardware.

06 Engineering evidence record

Complete marking	IS200VSVOH1BDC IS200VSVOH1B plus visible revision and label details
Installed relationship	Compare H1BDC and H1B markings, VME slot, four servo assignments, LVDT wiring, TSVO execution and pulse-input map.
Companion boundary	Secure the actuator, restore the verified regulator data and TSVO relationship, then use a low-authority motion test before enabling normal travel.
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	IS200VSVOH1BDC IS200VSVOH1B
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 IS200VVIBH1CAB IS200VVIBH1C	Vibration Monitoring 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: IS200VSVOH1BDC IS200VSVOH1B