IS215VCMIH2CC

VME Communications Interface Board

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

01 System position

Installed role	Host platform
VME Communications Interface Board	GE Mark VI turbine control

Evidence source	Identity boundary
GE Mark VI Turbine Control System Guide GEH-6421M	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	IS215VCMIH2CC - VME Communications Interface Board
Host-system side	GE Mark VI turbine control
Decision output	Verified interface, configuration and acceptance boundary

03 Selection-critical relationships

Network role	Match the project communication settings to IONet and controller data exchange before enabling exchange.
Rack interface	Use VME backplane only within the documented rack interface boundary.
Supported architecture	Map every configured path; the documented reference is Simplex or TMR Mark VI.
Redundancy relationship	Use R, S and T rack communication as configured only within the documented redundancy relationship boundary.
Clock function	Use System timing distribution only within the documented clock function boundary.
Status monitoring	Use Controller and I/O communication health only within the documented status monitoring boundary.

04 Engineering data map

Electrical / signal domain

Network role	IONet and controller data exchange
Rack interface	VME backplane

Interface / processing domain

Supported architecture	Simplex or TMR Mark VI
Redundancy relationship	R, S and T rack communication as configured

Environmental / configuration domain

Clock function	System timing distribution
Status monitoring	Controller and I/O communication health

05 Diagnostic interpretation matrix

Observed issue involving Network role	Compare the installed condition with IONet and controller data exchange; 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 Supported architecture	Compare the installed condition with Simplex or TMR Mark VI; isolate field, interface and configuration causes before replacing hardware.
Observed issue involving Redundancy relationship	Compare the installed condition with R, S and T rack communication as configured; isolate field, interface and configuration causes before replacing hardware.
Observed issue involving Clock function	Compare the installed condition with System timing distribution; isolate field, interface and configuration causes before replacing hardware.

Observed issue involving Status monitoring	Compare the installed condition with Controller and I/O communication health; isolate field, interface and configuration causes before replacing hardware.

06 Engineering evidence record

Complete marking	IS215VCMIH2CC plus visible revision and label details
Installed relationship	Compare the H2CC marking, VME slot, R/S/T connector population, peer destinations and timing assignments.
Companion boundary	Preserve rack slot, redundant path map and timing role, then restore one communication path at a time under the approved Mark VI procedure.
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	IS215VCMIH2CC
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 IS200VVIBH1CAB IS200VVIBH1C	Vibration Monitoring VME Board; separate listing, not an automatic substitute.

Discuss system fit and exact marking with Apter Power.
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Quote the complete reference: IS215VCMIH2CC