IS200VVIBH1CAB IS200VVIBH1C

Vibration Monitoring VME Board

Complete product-page dossier for buyer review, technical screening and quotation preparation.

01 Product overview

IS200VVIBH1CAB IS200VVIBH1C processes fourteen configured proximity, seismic and phase-reference channels for Mark VI machinery monitoring.

Multi-sensor machinery monitoring

Processes proximity, seismic and phase-reference signals in one Mark VI board family.

Channel-specific conditioning

Probe type, scale, bias and alarm setup are maintained per installed measurement.

Protection-system integration

Vibration and position data support turbine control, alarm and trip logic where configured.

IS200VVIBH1CAB IS200VVIBH1C is the complete marking for a Mark VI VVIB vibration monitoring board. The architecture supports fourteen vibration-related channels through the configured TVIB terminal board.

Each channel depends on its sensor type, matched transducer chain, target, wiring, scale and alarm settings. A channel for a proximity probe cannot be commissioned with seismic-sensor assumptions.

Before exchange, export channel configuration and capture static bias, gap, running amplitude, phase and alarm state. Commission by sensor family and compare the restored values with the accepted machine baseline.

02 Buyer identity

Manufacturer part number	IS200VVIBH1CAB IS200VVIBH1C
Product type	Vibration Monitoring VME Board
System / platform	GE Mark VI turbine control
Lifecycle statement	Installed-base Mark VI vibration monitoring board

03 Published technical data

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

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

Redundancy support	Simplex or TMR by project architecture

04 Applications / compatibility

Shaft relative vibration

Process configured proximity-probe signals.

Axial position monitoring

Measure thrust movement through matched transducers.

Casing vibration

Acquire approved seismic sensor signals.

Phase and speed reference

Use keyphasor-related inputs for phase context.

05 Product precautions

Export every channel type

Preserve sensor-specific conditioning.

Record static bias and gap

Capture the stopped-machine baseline.

Identify the TVIB execution

Confirm terminal-board and cable compatibility.

Preserve shield grounding

Avoid noise and ground loops.

Test by sensor family

Use the correct simulator or mechanical reference.

Compare with machine baseline

Do not accept plausible values without correlation.

06 Lifecycle, available unit and technical notes

Lifecycle Status

Installed-base Mark VI vibration monitoring board. Restore every channel by sensor family and verify TVIB plus transducer-chain identity before accepting plausible-looking vibration values.

Available Unit Details

Offered reference: GE IS200VVIBH1CAB IS200VVIBH1C. Compare H1CAB and H1C markings, VME slot, TVIB execution, cable positions and the fourteen-channel sensor map. Confirm the vibration-monitoring board and the separately quoted TVIB, cable or connector items in the quotation.

Technical notes

Sensor-family inventory: Record channel type, transducer identity, sensitivity, scale and alarm purpose for all fourteen paths. Static-baseline capture: Save probe bias or gap, shaft position, inactive-channel state and terminal-board diagnostics. Dynamic-response comparison: Compare amplitude, phase and speed-related behavior with the accepted machine baseline for each sensor family.

07 Engineering FAQ

How many measurement channels are associated with IS200VVIBH1CAB IS200VVIBH1C?	The Mark VI VVIB architecture processes fourteen vibration-related channels through the configured terminal board.
Why must channel sensor type be preserved for IS200VVIBH1CAB IS200VVIBH1C?	Proximity, seismic and phase-reference inputs require different conditioning, scaling and acceptance methods.
Which static values should be captured before removing IS200VVIBH1CAB IS200VVIBH1C?	Record probe bias or gap, shaft position, inactive-channel state and terminal-board diagnostics.
How should dynamic vibration be checked on IS200VVIBH1CAB IS200VVIBH1C?	Compare amplitude, phase and speed-related response with an accepted monitor or machine baseline.
What companion hardware must be confirmed for IS200VVIBH1CAB IS200VVIBH1C?	Verify the TVIB execution, cable set, sensor system, probe power and project channel assignment.
Why is H1CAB retained in the identity of IS200VVIBH1CAB IS200VVIBH1C?	It is the complete supplied board revision and prevents unverified equivalence with another VVIB execution.
What grounding fault can distort IS200VVIBH1CAB IS200VVIBH1C?	Multiple shield bonds or poor cabinet bonding can introduce noise into low-level vibration signals.
Which static and dynamic vibration-channel results confirm IS200VVIBH1CAB IS200VVIBH1C?	Retain sensor-specific bias or gap, amplitude, phase, speed-related response, alarm behavior, redundant agreement and clear diagnostics.

08 Quotation and handover

Match the complete marking	Match IS200VVIBH1CAB IS200VVIBH1C, revision and visible labels.
Review the reference	Send the complete IS200VVIBH1CAB IS200VVIBH1C marking, label photos and required quantity.
Confirm the offer	Review the offered revision, condition, included items and documents for IS200VVIBH1CAB IS200VVIBH1C.
Arrange dispatch	Confirm quantity, dispatch date and delivery details for IS200VVIBH1CAB IS200VVIBH1C in the quotation.

09 Separate verified listings

Emerson PR6423/10R-010 CON021
Eight-Millimetre Eddy-Current Sensor and Converter Assembly; separate listing, not an automatic substitute.

HIMA Z7127
Eight-Channel Analog Input Front Cable Plug; separate listing, not an automatic substitute.

Request current photographs and written quotation details from Apter Power.
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Quote the complete reference: IS200VVIBH1CAB IS200VVIBH1C