IS200VAICH1DAA IS200VAICH1D

Analog Input and Output VME Board

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

01 Product overview

IS200VAICH1DAA IS200VAICH1D acquires twenty analogue measurements and drives four analogue outputs through the configured TBAI terminal-board relationship.

Combined analog processing

One VME board acquires field measurements and drives configured analog output loops.

Channel scaling control

Toolbox ranges, engineering units and alarm limits determine how raw signals are interpreted.

Terminal-board integration

Accurate operation depends on the fitted TBAI execution, cabling and redundancy arrangement.

IS200VAICH1DAA IS200VAICH1D is the complete marking for a Mark VI VAIC analog input/output board. It combines twenty analog input channels and four analog output channels through the configured analog terminal-board arrangement.

Voltage or current behavior is established by the terminal board, wiring and project configuration. Channel count does not authorize substitution for another VAIC revision or a differently configured TBAI assembly.

Before exchange, export scaling and record every loop type, range, terminal, cable and baseline. Commission with calibrated input simulation, output-loop verification and redundant-channel comparison where applicable.

02 Buyer identity

Manufacturer part number	IS200VAICH1DAA IS200VAICH1D
Product type	Analog Input and Output VME Board
System / platform	GE Mark VI turbine control
Lifecycle statement	Installed-base Mark VI analog I/O board

03 Published technical data

Analog inputs	20
Analog outputs	4
Input signal families	Voltage and current according to terminal-board configuration

Output signal family	Controlled analog current outputs
Conversion role	A/D and D/A processing
Terminal-board relationship	TBAI analog terminal board family

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

04 Applications / compatibility

Process-variable acquisition

Convert configured transmitter and voltage signals for control.

Analog command output

Drive approved current-loop references.

TMR analog processing

Compare redundant signals in configured architectures.

Loop diagnostics

Isolate field, terminal-board, cable and board faults.

05 Product precautions

Export channel scaling

Retain engineering units and alarm limits.

Identify every signal type

Separate voltage, current and powered-loop arrangements.

Record the TBAI execution

Preserve terminal-board compatibility.

Control output loops

Place actuators in an approved state before testing.

Use calibrated sources

Simulate representative low, mid and high values.

Verify redundant agreement

Compare channels across configured processors.

06 Lifecycle, available unit and technical notes

Lifecycle Status

Installed-base Mark VI analog I/O board. Restore input and output configuration by channel and verify the fitted TBAI execution before enabling any analogue command loop.

Available Unit Details

Offered reference: GE IS200VAICH1DAA IS200VAICH1D. Check the H1DAA and H1D markings, VME slot, TBAI execution, cable positions and assigned analogue channels. Confirm the analogue I/O board and any specifically quoted terminal-board, cable or connector hardware in the quotation.

Technical notes

Channel-configuration archive: Save signal family, range, engineering units, alarms and failsafe action for every used input and output. TBAI path verification: Trace field terminals, cable connectors and redundant processor paths before moving conductors. Bidirectional calibration proof: Inject representative inputs and measure commanded outputs while confirming controller values and loop response.

07 Engineering FAQ

How many channels are processed by IS200VAICH1DAA IS200VAICH1D?	The Mark VI architecture assigns twenty analog inputs and four analog outputs to this VAIC execution.
Why must input signal type be recorded for IS200VAICH1DAA IS200VAICH1D?	Voltage, current and powered-loop connections require different terminal and scaling arrangements.
Which terminal-board relationship should be checked for IS200VAICH1DAA IS200VAICH1D?	Confirm the exact TBAI execution, cable path and redundancy configuration used by the installed system.
How should an analog input be proven after replacing IS200VAICH1DAA IS200VAICH1D?	Apply calibrated low, mid and high values and compare raw counts, engineering units and controller display.
How should an analog output from IS200VAICH1DAA IS200VAICH1D be tested safely?	Isolate or control the final element, command approved values and measure the complete current loop.
Why is the DAA suffix important on IS200VAICH1DAA IS200VAICH1D?	It preserves the supplied board revision and prevents unsupported equivalence with another VAIC execution.
What can cause a stable but incorrect value on IS200VAICH1DAA IS200VAICH1D?	Wrong range, engineering scaling, terminal selection or loop wiring can create a plausible but inaccurate reading.
Which analogue input/output calibration results confirm IS200VAICH1DAA IS200VAICH1D?	Retain injected-input comparisons, measured output-loop values, correct engineering scaling, redundancy agreement and clear diagnostics.

08 Quotation and handover

Match the complete marking	Match IS200VAICH1DAA IS200VAICH1D, revision and visible labels.
Review the reference	Send the complete IS200VAICH1DAA IS200VAICH1D marking, label photos and required quantity.
Confirm the offer	Review the offered revision, condition, included items and documents for IS200VAICH1DAA IS200VAICH1D.
Arrange dispatch	Confirm quantity, dispatch date and delivery details for IS200VAICH1DAA IS200VAICH1D 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.
sales13@apterpower.com | +86 18030235313
Quote the complete reference: IS200VAICH1DAA IS200VAICH1D