IS200TBAIH1CCC

01 / Product identity and control context

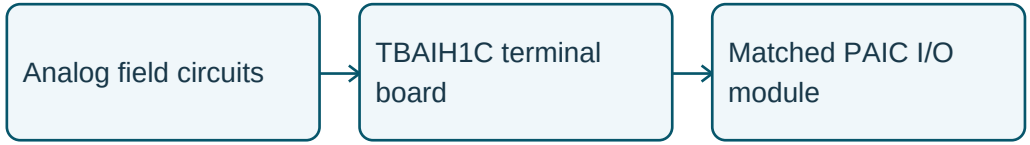
Analog Terminal Board

GE IS200TBAIH1CCC is an analog terminal board for a matched Mark VIe I/O installation. Retain the full CCC revision marking when matching the board to the PAIC module and existing field wiring.

Key characteristics

Product type	Analog terminal board
Product series	Mark VIe
Reference identity	IS200TBAIH1C with the complete CCC marking retained
Module relationship	PAIC analog I/O configuration

Functional relationship



Full board identity

Compare IS200TBAIH1CCC and its complete revision marking with the installed board, photographs and approved replacement record.

Configuration boundary

Electrical ranges apply to IS220PAICH1B or IS42yPAICH1C with IS200TBAIH1C. They are I/O-pack system ratings, not standalone board consumption or approval of the supplied IS200TBAIH1CCC unit. Match the full revision and installed configuration.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

IS200TBAIH1CCC

02 / Technical characteristics

Hardware and functional data

Product type	Analog terminal board
Product series	Mark VIe
Reference board	IS200TBAIH1C
PAIC configuration	IS220PAICH1B or IS42yPAICH1C
System input supply	24-28 V DC
System input current	0.49 A maximum

Interfaces and operating conditions

Analog inputs 1-8	-10 to +10 V DC; 0 to 20 mA DC
Analog inputs 9-10	-5 to +5 V DC; -1 to 20 mA DC
Analog output rating	0 to 16.3 V DC; 0 to 20 mA DC
Transmitter power	24 V DC; 21 mA DC
Required enclosure	At least IP54 for the specified classified-location installation
Installation environment	Pollution Degree 2 maximum

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03 / Application and integration contexts

Gas-turbine control

Support the analog I/O connection within a configured gas-turbine control installation. Match the field-signal range, PAIC identity and complete terminal-board revision to the project drawings.

Steam-turbine control

Use the terminal-board and PAIC relationship within the approved steam-turbine I/O configuration. Review channel assignments and the connected transmitter circuits before replacement.

Module pairing

Verify whether the installation uses IS220PAICH1B or IS42yPAICH1C with the TBAIH1C terminal-board family. Retain the existing module and configuration identity.

Generator control and monitoring

Connect the appropriate analog field circuits as part of a Mark VIe generator-control system. System-level control and protection depend on the controller, I/O configuration and complete installation.

Mechanical-drive control

Review analog I/O requirements in a Mark VIe mechanical-drive application. Check the installed module-board pairing, signal assignments and enclosure conditions before accepting a replacement.

Circuit configuration

Map inputs 1-8 separately from inputs 9-10. Record the voltage or current selection and the transmitter-power and analog-output load requirements.

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04 / Installation and release decisions

Retain the complete revision

Keep IS200TBAIH1CCC, including all trailing letters, on the connection record. Compare the supplied board with the installed assembly rather than matching only the TBAI mnemonic.

Separate board and module ratings

The 24-28 V DC, 0.49 A maximum figures belong to the identified PAIC I/O-pack system. Do not treat them as the bare terminal board's power consumption or as permission to use any PAIC version.

Match each input group

Inputs 1-8 and 9-10 have different voltage and current ranges in the identified configuration. Check each circuit assignment and signal type against the approved wiring and module settings.

Check transmitter and output circuits

Review the 24 V DC, 21 mA DC transmitter-power rating and the 0 to 20 mA DC analog-output rating with the connected loads. Use the applicable GE wiring instructions for terminal assignments.

Maintain the installation boundary

For the specified classified-location installation, use an enclosure rated at least IP54 and an environment no worse than Pollution Degree 2. Assess the complete assembly rather than the board in isolation.

Verify power and release conditions

Use the approved certified power-distribution and switched-mode supply arrangement. Confirm transient protection, restore the recorded configuration and complete the site functional checks before returning the channel to service.

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05 / Lifecycle, evidence and related portfolio

Lifecycle status

The current manufacturing and service-support phase of IS200TBAIH1CCC is unconfirmed. Request current lifecycle and replacement guidance for the complete marking and installed configuration.

Supply boundary

Apter Power availability and dispatch are confirmed separately from the manufacturer lifecycle phase.

Technical basis

GE Mark VIe Programmable Controller System, IECEx UL 21.0067X, Issue 11.

Related product references

GE IS220PTCCH1A

GE IS420YDOAS1B

GE IS200EMIOH1AFB

Navigation only; no substitute or accessory compatibility is implied.

Offered-unit verification

Compare the complete label, connectors, mounting arrangement and applicable hardware/software revision. Confirm included components and accompanying documents in the quotation.

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