IS200TBAIH1CCC

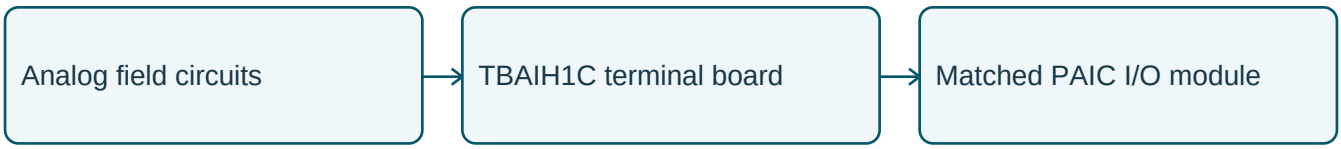
01 / Identity and reference boundary

Apter Power technical reference

Prepared by Apter Power. This is not a GE-issued manual or a product certificate.

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.



Offered full reference	IS200TBAIH1CCC
Family reference	IS200TBAIH1C
System relationship	Mark VIe analog I/O with the matched PAIC configuration

Meaning of the technical values

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.

02 / Board identity and paired configuration

Read the complete marking

IS200	Preserve this assembly prefix; do not substitute a different prefix based only on appearance.
TBAI	Analog terminal-board identity.
H1	Assembly designation retained in the family reference.
CCC	Retain the complete trailing revision marking when checking the offered unit.

Configuration relationship

I/O module	IS220PAICH1B or IS42yPAICH1C
Accessory-board notation	ISx0yTBAIH1C; x = 2 or 4 and y = 0 or 1 in the referenced nomenclature.
Offered-unit check	Match IS200TBAIH1CCC to the actual installed module, revision and project circuit configuration.

Scope of the relationship

The family pairing identifies the configuration behind the electrical values in this reference. It does not establish interchangeability of all revision combinations or approval of the individual supplied board.

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03 / Electrical characteristics of the I/O system

Power and field-signal ratings

System input supply	24-28 V DC
System input current	0.49 A maximum
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

Input groups remain distinct

The voltage limits for inputs 1-8 and inputs 9-10 differ. Match the field signal to its assigned group; do not apply one voltage range to every channel.

System values, not bare-board consumption

The 24-28 V DC supply and 0.49 A maximum input-current figures describe the identified PAIC I/O-pack system. The terminal board is one element of that configuration. These values are not a standalone board power-consumption specification.

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04 / Installation conditions and interpretation

Specified classified-location conditions

Enclosure	Protection of at least IP54 for the complete installed equipment.
Environment	Pollution Degree 2 maximum.
Power distribution	Distribution board certified for the applicable classified location.
Supply	Certified switched-mode power supply, with output current limited to 20 A maximum and the required installation features.
Transient protection	Set at no more than 140% of the peak rated supply voltage at the equipment supply terminals.

What IP54 means here

The IP54 requirement applies to the enclosing installation. It is not an ingress-protection rating for the exposed IS200TBAIH1CCC circuit board.

Before applying these conditions

Review the complete enclosure, field-circuit assessment, PAIC module and approved power arrangement. Follow the applicable manufacturer instructions for wiring and installation. This reference does not reproduce terminal-by-terminal connection procedures.

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05 / Engineering decisions and technical basis

May the revision suffix be omitted?

No. Keep IS200TBAIH1CCC on the enquiry, quotation and replacement record. Compare the complete marking with the installed board and approved configuration.

Does the PAIC reference mean it is supplied?

No. Confirm the board, any I/O module, connectors, mounting hardware and documents individually in the quotation. A configuration reference is not a packing list.

Technical basis

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

The reference family and its paired-system conditions are retained separately from the offered complete revision. No additional ratings or certification of an individual offered unit are asserted.

Related GE portfolio references

GE IS200TRPGH1B

GE IS200EMIOH1ACA

GE IS420YDOAS1B

Navigation references only. These products are not confirmed substitutes, compatible accessories or included items.

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