GE IS220PTCCH2B

Technical Identity & Engineering Reference

GE IS220PTCCH2B is a thermocouple input i/o pack for GE Mark VIe thermocouple I/O.

01 Exact product identity

Input function	Thermocouple acquisition
Input group	12 general-industry inputs
Cold-junction input	1
Updated model	IS220PTCCH2B
Earlier model	IS220PTCCH2A
Control family	Mark VIe
Interface role	I/O network to terminal board

02 Evidence scope

The exact H2B model is the updated pack for 12 general-industry thermocouple inputs and one cold-junction input; H1B combustion-optimized data are not transferred.

03 System relationship

IS220PTCCH2B is the updated H2 thermocouple input pack for twelve general-industry inputs plus one cold-junction input. The H2 identity separates it from the combustion-optimized H1 path.

The pack provides the processing and network interface between the thermocouple terminal board and the Mark VIe controller. Thermocouple type, channel configuration and cold-junction arrangement remain application settings.

Before replacement, preserve channel-to-sensor mapping, thermocouple type, polarity and cold-junction wiring. Acceptance should compare ambient indication and representative process channels after stabilization.

04 Installation relationships

Installation relationship	IS220PTCCH2B belongs to the configured GE Mark VIe thermocouple I/O hardware chain; the complete installed relationship governs replacement.
Protection	Follow the approved isolation, ESD and system-specific commissioning procedure before handling IS220PTCCH2B.
Technical reference	GE Mark VIe I/O Extended Product Life Cycle Support Notice GEZ-S2026. The exact H2B model is the updated pack for 12 general-industry thermocouple inputs and one cold-junction input; H1B combustion-optimized data are not transferred.

05 Application map

Installed-system service

Maintain the exact IS220PTCCH2B identity when replacing the fitted thermocouple input i/o pack.

Configuration retention

Preserve application records, channel maps or hardware settings that belong to the installed system.

Controlled troubleshooting

Use the approved system diagnostics to separate module, wiring and companion-hardware faults.

Acceptance testing

Return the system to service only after representative functions match the recorded baseline.

06 Engineering boundaries

Exact-model rule	Use the complete IS220PTCCH2B marking and every visible revision or assembly identifier.
System-data boundary	Treat control-family or host-system ratings as system context unless they are expressly assigned to IS220PTCCH2B.

Supply boundary	the IS220PTCCH2B thermocouple input i/o pack; companion hardware and accessories only when itemized in the quotation
Acceptance evidence	Retain the as-found record, controlled test results and responsible sign-off.

07 Related product references

Recommended model	GE IS220PSVOH1B
Recommended model	GE IS200STTCH2A
Recommended model	GE IS230SNAOH2A
Recommended model	GE IS220STAOH2A
Recommended model	GE IS220STAIH2A
Recommended model	GE IS220TTURH1C
Recommended model	GE IS200PAOCH1B

Confirm the complete IS220PTCCH2B marking, installed relationship and required quantity with Apter Power.

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