GE IS220STAIH2A

Technical Identity & Engineering Reference

GE IS220STAIH2A is a analog input terminal board for GE Mark VIe analog-input system.

01 Exact product identity

Board function	Analog input termination
Assembly relationship	IS230SNAIH2A
Companion I/O pack	PAICH1B
Control family	Mark VIe / EX2100e
Signal role	Field analog input routing
Application arrangement	Simplex assembly
Replacement basis	Terminal map and connector identity

02 Evidence scope

STAIH2A is the analog-input terminal-board element paired with PAICH1B in the IS230SNAIH2A module; pack-level conversion and network functions remain with PAICH1B.

03 System relationship

IS220STAIH2A is the field-termination element associated with a PAICH1B analog I/O pack in the IS230SNAIH2A Mark VIe module. It routes installed analog loops to the companion pack.

The terminal board preserves channel termination, common references and field wiring, while the pack performs acquisition and network communication. These two hardware roles should not be conflated during selection.

Record terminal numbering, loop type, polarity, shielding and connector orientation before removal. Recommission with controlled signal injection and compare controller readings against the approved channel baseline.

04 Installation relationships

Installation relationship	IS220STAIH2A belongs to the configured GE Mark VIe analog-input system hardware chain; the complete installed relationship governs replacement.
Protection	Follow the approved isolation, ESD and system-specific commissioning procedure before handling IS220STAIH2A.
Technical reference	GEH-6781L EX2100e I/O module relationship and exact-model industrial records. STAIH2A is the analog-input terminal-board element paired with PAICH1B in the IS230SNAIH2A module; pack-level conversion and network functions remain with PAICH1B.

05 Application map

Installed-system service

Maintain the exact IS220STAIH2A identity when replacing the fitted analog input terminal board.

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 IS220STAIH2A 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 IS220STAIH2A.
Supply boundary	the IS220STAIH2A analog input terminal board; 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 IS220PTCCH2B
Recommended model	GE IS220TTURH1C
Recommended model	GE IS200PAOCH1B

Confirm the complete IS220STAIH2A marking, installed relationship and required quantity with Apter Power.

sales13@apterpower.com | +86 18030235313