GE IS200STTCH2A

Installation & Verification Guide

GE IS200STTCH2A is a Mark VIe thermocouple terminal board used with a specified input pack. It provides field termination for thermocouple measurement channels in the approved assembly.

01 Capture the installed measurement chain

Terminal board	Photograph complete IS200STTCH2A marking, revision and terminal layout.
Input pack	Record the full fitted thermocouple I/O-pack model and firmware/configuration reference.
Field loops	List channel numbers, thermocouple types, positive/negative conductors and shield terminations.
Baseline	Record representative stable readings and existing diagnostics before removal.

02 Controlled isolation and transfer

Safe state	Apply the machine-approved isolation and prove that the affected measurement can be taken out of service.
As-found record	Label and photograph each conductor before disconnection.
Mechanical fit	Compare terminal-board shape, connector position and attachment with the installed unit.
Transfer	Move one identified channel at a time; preserve polarity and routing.
Inspect	Check conductor termination, shielding and the pack-board interface before energizing.

03 Measurement checks

Continuity and polarity	Compare each changed field pair against the as-built drawing.
Thermocouple type	Restore configured type and compensation; do not infer it from the terminal board.
Known signal	Apply an approved low-level source or compare with the established process baseline.
Diagnostics	Review pack communication and channel-quality indications.
Handover	Record readings, changes and responsible acceptance.

04 Fault isolation

Open or implausible channel	Inspect field continuity, terminal seating, polarity and sensor assignment.
Reading offset	Check thermocouple type, compensation and accepted calibration state.
Noise or instability	Compare shielding, wire routing and power-circuit separation.
Multiple channels affected	Verify companion pack and board connector identity before altering all loops.

05 As-left record

Identity	Board and pack full markings; asset and cabinet reference.
Channel mapping	Positive and negative terminals, type and shield destination.
Signal proof	Test source or operating baseline, measured values and diagnostic state.
Approval	Technician, date, method and authorized reviewer.

Discuss the exact IS200STTCH2A marking and installed thermocouple channel with Apter Power.

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