GE IS220TTURH1C

Technical Identity & Engineering Reference

GE IS220TTURH1C is a primary turbine protection terminal board for GE Mark VIe primary turbine protection.

01 Exact product identity

Board function	Primary turbine protection termination
Control family	Mark VIe
Protection role	Primary trip interface
Hardware class	Terminal board
Configuration basis	Installed trip drawing
Signal handling	Turbine protection field circuits
Replacement basis	Exact H1C marking and wiring map

02 Evidence scope

The exact IS220TTURH1C marking is treated as the offered terminal-board identity; no ratings from the PTUR I/O pack or adjacent TTUR revisions are assigned to it.

03 System relationship

IS220TTURH1C is identified as a primary turbine-protection terminal board for a Mark VIe installation. Its role is to terminate and route installed protection circuits within the approved trip architecture.

The terminal board must be distinguished from the companion turbine-protection I/O pack. Trip voting, speed sensing and relay behavior belong to the complete configured protection system, not the board marking alone.

Before service, place the turbine in the approved maintenance state and record every terminal and trip-circuit assignment. After replacement, prove the protection channels with the site-approved trip-test procedure.

04 Installation relationships

Installation relationship	IS220TTURH1C belongs to the configured GE Mark VIe primary turbine protection hardware chain; the complete installed relationship governs replacement.
Protection	Follow the approved isolation, ESD and system-specific commissioning procedure before handling IS220TTURH1C.
Technical reference	Exact-model industrial records cross-checked against GE Mark VIe primary turbine-protection architecture. The exact IS220TTURH1C marking is treated as the offered terminal-board identity; no ratings from the PTUR I/O pack or adjacent TTUR revisions are assigned to it.

05 Application map

Installed-system service

Maintain the exact IS220TTURH1C identity when replacing the fitted primary turbine protection 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 IS220TTURH1C 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 IS220TTURH1C.
Supply boundary	the IS220TTURH1C primary turbine protection 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 IS220STAIH2A
Recommended model	GE IS200PAOCH1B

Confirm the complete IS220TTURH1C marking, installed relationship and required quantity with Apter Power.

sales13@apterpower.com | +86 18030235313