Product dashboard

GE IS200TPROH1C is a Mark VIe backup turbine-protection terminal board used with the IS220PPROS1B protection I/O module. It terminates potential-transformer and speed-sensor circuits and provides documented speed-sensor power.

Exact model	Product type	System family	Functional role
IS200TPROH1C	Backup Turbine Protection Terminal Board	Mark VIe Backup Turbine Protection	Protection Terminal Board

PARAMETER	DOCUMENTED VALUE
Model	IS200TPROH1C
Platform	Mark VIe
Function	Backup turbine-protection terminal board
Associated I/O module	IS220PPROS1B
PT input	0-138 V ac, 5-66 Hz
Speed input	-15 to +15 V dc
Speed-sensor power	24 V dc, 25 mA
Certified ambient	-30 to +65 C

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

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IS200TPROH1C

System overview

Within the Mark VIe backup protection path, IS200TPROH1C provides the field termination layer between turbine protection sensors and the dedicated protection I/O module.

Backup speed protection

Terminates the documented speed-sensor circuits used by the backup protection assembly.

Potential-transformer inputs

Brings certified 0-138 V ac, 5-66 Hz PT signals into the protection path.

Sensor excitation

Provides the documented 24 V dc, 25 mA speed-sensor power boundary.

Certified Mark VIe assembly

Operates as an accessory terminal board for the IS220PPROS1B I/O module.

SYSTEM POSITION	RECORD
Installed identity	IS200TPROH1C
Host relationship	Mark VIe Backup Turbine Protection
Controlled function	termination of backup turbine-protection potential-transformer and speed-sensor circuits

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IS200TPROH1C

Technical data map

PARAMETER	VERIFIED VALUE
Model	IS200TPROH1C
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Function	Backup turbine-protection terminal board
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Speed input	-15 to +15 V dc
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Certified ambient	-30 to +65 C

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	termination of backup turbine-protection potential-transformer and speed-sensor circuits

Technical evidence record: Mark VIe programmable controller certification schedule

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IS200TPROH1C

Applications and precautions

1. Match IS200TPROH1C to the recorded Mark VIe backup protection assembly and full board revision.
2. Identify the associated IS220PPROS1B module and protection-channel assignment.
3. Record every PT circuit, speed pickup, shield, terminal and sensor-power conductor.
4. Isolate protection wiring using the approved turbine trip-system maintenance procedure.
5. Protect terminal blocks and keyed connectors; do not substitute an adjacent TPRO revision by appearance.
6. Restore PT polarity, speed-sensor polarity, shields and 24 V dc sensor power exactly as recorded.
7. Review protection-module diagnostics and validate healthy input values before enabling trip logic.
8. Complete the controlled backup-protection functional test and retain the acceptance record.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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IS200TPROH1C

Buyer and engineering FAQ

What is the purpose of GE IS200TPROH1C?

It is a field terminal board for the Mark VIe backup turbine-protection path.

Which I/O module is associated with GE IS200TPROH1C?

The current certification lists it as an accessory terminal board for IS220PPROS1B.

Which potential-transformer input range applies to GE IS200TPROH1C?

The certified PT input range is 0 to 138 V ac at 5 to 66 Hz.

Which speed-input range applies to GE IS200TPROH1C?

The documented speed-input range is -15 to +15 V dc.

Related Apter Power pages

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