GE

IS200TPROH1C

Backup Turbine Protection Terminal Board

This reference defines the verified engineering boundary of IS200TPROH1C and separates product capability from site-specific configuration.

System position

Exact identity	System family	Functional role	Release basis
IS200TPROH1C	Mark VIe Backup Turbine Protection	Protection Terminal Board	Recorded test and diagnostics

Control the identity boundary

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

IDENTITY / RESOURCE	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

Technical evidence record: Mark VIe programmable controller certification schedule

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IS200TPROH1C

Interfaces and integration

Trace the installed signal path

Integration review for IS200TPROH1C proceeds through identity, interfaces, configuration, diagnostics and functional acceptance.

Model	IS200TPROH1C
Platform	Mark VIe
Function	Backup turbine-protection terminal board

Define the receiving position

The host review links the physical slot, companion hardware and retained engineering revision to the offered item.

Host	Mark VIe Backup Turbine Protection
Primary role	termination of backup turbine-protection
Acceptance	Recorded diagnostic response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Model, designation and complete label
Mechanical	Position, seating and retention
Electrical	Loop supply and field conductors
Processing	Range, limits and correction
Supervision	Supply, range and wire-break states
Release	Controlled test with retained result

Configuration ownership

Keep assigned channel values under the approved project record.

Acceptance ownership

Name the retained result that authorizes handover of the measurement path.

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Technical resource bands

Only capabilities tied to the exact execution appear here; operating assignments remain configuration-controlled.

PARAMETER	VALUE
Model	IS200TPROH1C
Platform	Mark VIe
Function	Backup turbine-protection terminal board
Associated I/O module	IS220PPROS1B

PARAMETER	VALUE
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

Label decision

Accept the stated part number only when the complete installed identity agrees.

Circuit decision

Confirm the recorded field-circuit arrangement before reconnecting any loop.

Processing decision

Restore channel processing from the approved project rather than a neighboring position.

Evidence decision

Use diagnostic observations and a controlled response to support final handover.

Engineering boundary

A similar faceplate or matching channel total does not prove interchangeability. Resolve the host position, connection scheme and controlled revision before use.

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IS200TPROH1C

Controls and service logic

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.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Resolve label, designation and receiving position
2. Compare	Review circuit type, processing and supervision
3. Restore	Rebuild the recorded connection and configuration state
4. Demonstrate	Retain diagnostic and functional acceptance evidence

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Engineering decisions

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.

Does GE IS200TPROH1C provide power for speed sensors?

Yes. The certified configuration lists 24 V dc at 25 mA for speed-sensor power.

What ambient range is documented for GE IS200TPROH1C in the certified system?

The current certificate lists an ambient range of -30 to +65 degrees Celsius for the associated protection assembly.

Related Apter Power pages

Technical evidence record: Mark VIe programmable controller certification schedule

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