General Electric IS200TPROH1CBB

Protection Interface Technical Reference

Electrical and communication data

Parameter	Published value / condition
Field terminals	2 removable 24-point barrier blocks
PPRO positions	3: JR1 / JS1 / JT1
Trip-board cable interfaces	3 x DC-37: JX1 / JY1 / JZ1
Speed input paths	9; 3 per R/S/T section
Magnetic pickup frequency	2-20000 Hz, documented matched system
Pulse-rate accuracy	0.05% of reading, documented matched system
Sensitivity, 0-2 kHz	27 mV peak-to-peak required
Sensitivity, 2-6 kHz	50 mV peak-to-peak required
Sensitivity, 6-10 kHz	100 mV peak-to-peak required
Sensitivity, 10-15 kHz	160 mV peak-to-peak required
Sensitivity, above 15 kHz	250 mV peak-to-peak required
PT input burden	<3 VA per input
PT synchronization range	75-130 Vrms
PT isolation barrier	1500 Vrms
Customer sensor outputs	3 x 24 VDC, 25 mA maximum each; not voted
Operating temperature	-30 to 65 deg C, documented board design

Applicability boundary

TPROH1C barrier-terminal architecture applies to the offered BB revision at board-family level. Speed/PT and P24 values require the documented PPRO/TPRO system; pack supply ratings are not standalone board consumption.

Protection-interface interpretation

Terminal form, pack generation, frequency-dependent amplitude and selected trip-board wiring are separate acceptance conditions. The technical parameters retain the matched-system context.

Technical basis

GE Mark VIe Control Volume II System Hardware Guide, GEH-6721Q; GE Mark VIe IECEx UL 21.0067X Issue 6

Related components and selection comparisons

General Electric IS200TRESH1A	TRESH1A small/medium-steam backup trip-board family listed for simplex or TMR; match the complete protection arrangement.

Engineering contact



Discuss the complete unit and installed application with Apter Power.
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