



PROTECTION RELAYS

(Digital / Analog)



Voltage Protection Universal Supply



Voltage Protection 2 C/O DPDT Relay



Earth Leakage 1Ø & 3Ø



Current Protection 10A direct measuring

- TRUE RMS measurement
- DIN RAIL Mount
- Voltage, Frequency
- Current

Earth Leakage

1Ø & 3Ø

LINE MONITORING

Phase Protection



Adjustable Phase Unbalance setting



Fixed Phase Unbalance setting

Voltage Protection



2 C/O DPDT Relay

Other Protection Relays:



Voltage Protection Relays



Current Protection Relays





Phase Sequence Relay Earth Leakage Relay

Technical Specification



Operating Voltage: 127 to 288V AC (L-N)

48 - 63Hz

5VA max.

230V AC (factory set); ±15%

45 - 65Hz

18VA max.

Analog Protection Relays	Model	Functions	Size (DIN Rail)	Accuracy	Output Contacts	Operating Voltage	Auxiliary Supply	LED Indications
	PSR1 PHASE SEQUENCE RELAY	Phase Sequence, Phase Failure, Phase Asymmetry: 40V VA Rating: 4VA Max. Reset: Auto Power ON delay, Trip time delay and Recovery time delay	35mm	Voltage: 1% of F.S. Time: ±5% of F.S. ±100 ms	1 C/O (SPDT) Rating: NO/5A, NC/3A, 250V AC	3Ø/3W 100 - 120 / 220 - 240 / 380 - 440V AC, ±20% 45-65 Hz	230V AC, ±20%	Power ON, Relay ON
7 · · · · · · · · · · · · · · · · · · ·	PSR2 PHASE SEQUENCE RELAY	Phase Sequence, Phase Failure, Phase Asymmetry: 30 - 70V VA Rating: 4VA Max. Reset: Auto / Manual / Remote Power ON delay, Trip time delay and Recovery time delay	52.5mm	Voltage: 1% of F.S. Time: ±5% of F.S. ±100 ms	2 C/O (DPDT) Rating: NO/5A, NC/3A, 250V AC	3Ø/3W 100 - 120 / 220 - 240 / 380 - 440V AC, ±20% 45-65 Hz	230V / 415V AC, ±20%	Power ON, Relay ON
	600PSR & 800PSR PHASE SEQUENCE RELAY	Phase Sequence, Phase Failure Trip: <154V AC (L-L), Phase Asymmetry: 30V fixed, VA Rating: 20VA Max. Reset: Auto Power On Delay & Instant tripping	600PSR (17.5mm) 800PSR (22.5mm)	Trip: ±10V	1 C/O (SPDT) Rating: NO/5A, NC/3A, 250V AC	3Ø/3W 154 to 500V AC(L-L) 50/60 Hz	Self Powered	Relay ON
30323	VPRA2M VOLTAGE PROTECTION RELAY	Under Voltage, Over Voltage, Phase Sequence Phase Failure, Phase Asymmetry: >10% VA Rating: 5VA Max. Reset: Auto Power ON delay, Trip time delay and Recovery time delay	35mm	Trip setting Accuracy: ±5% of F.S. Time setting Accuracy: ±10% of F.S.	2 C/O (DPDT) Rating: 5A@ 250V AC/ 28V DC	1Ø / 2W, 3Ø / 4W 127 to 288V AC (L-N) 50/60 Hz	Self Powered	Power ON / Phase Failure blink UV ON, OV ON Phase Reverse ON/ Phase Asymmetry blink



Supply Voltage

Power Consumption

Frequency

85 - 270V AC/DC

45 - 65Hz

4VA max.

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230V AC (factory set)/110V AC; ±15%

45 - 65Hz

3VA max.

Authorised Agent: