Monitor for 3-phase Type PSSW1

Phase asymmetry, Phase sequence, over- and undervoltage

PSSW1



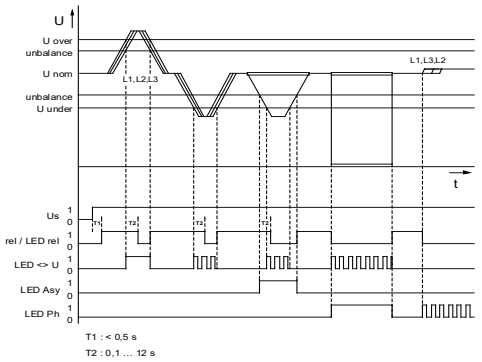
Part numbers:

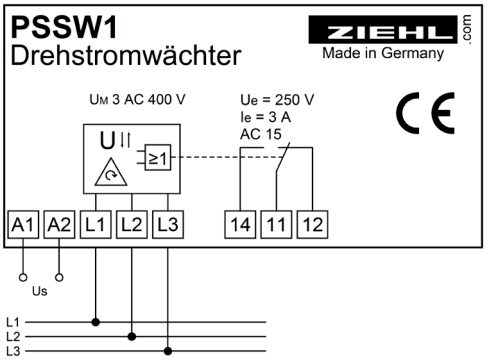
P222525	AC 230 V
P222526	AC/DC 400 V

Relays for 3-phase networks type PSSW1 monitor 3-phase networks for phase-sequence, asymmetry and over- and undervoltage.
Applications: Monitoring of 3-phase-networks at heat pumps, compressors or at machines at building sites.

Functions:
- Over- and undervoltage, adjustable ± 2-20 % (common)
- Asymmetry adjustable 5-15%
- Phase loss
- Phase sequence
- Switching delay adjustable 0,1-12 s (for voltage and asymmetry)
- Bifrequential measuring input 50/60 Hz

Displays:
4 LEDs for:
- Over-/undervoltage
- Asymmetry
- Phase-sequence/loss
- State of relay





Technical Data

Rated supply voltage Us	AC 230 V, alt. AC 400 V, 50/60 Hz, < 3 VA
Admissible tolerance Us	±20%
Output relay	1 change-over contact (co)
Type of contact	**type 2** see "general technical informations"
Test conditions	see"general technical informations"
Rated ambient temperature range	-20°C...+55°C
Monitoring asymmetry	switching point adjustable 5...15 %
Hysteresis	app. 2 %
Switching delay	adjustable 0,1...12 s
Loss of voltage	switching point app. 50 %
Hysteresis	app. 5 %
Switching delay	0,1 s
Under-/overvoltage	measuring voltage 3 AC 400 V
Switching point	adjustable ±2...20 % (common, symmetric)
Hysteresis	app.1 %
Switching delay	adjustable 0,1-12 s
Dimensions (h x w x d)	housing K: 75 x 22,5 x 110 mm
Attachment	on 35 mm DIN-rail or with 2 screws M4 (option)
Protection housing / terminals	IP 40 / IP 20
Weight	160 g