

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.

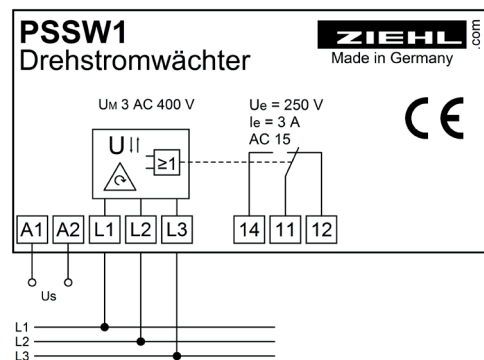
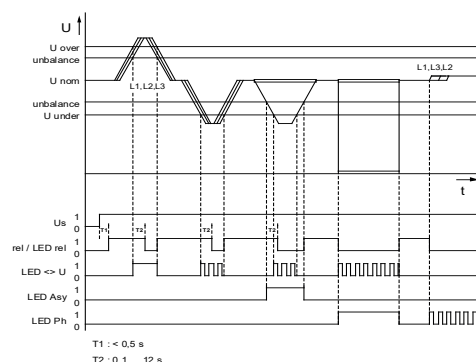
Functions:

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

Displays:

4 LEDs for:

- Over-/undervoltage
- Asymmetry
- Phase-sequence/loss
- State of relay



Technical Data

Rated supply voltage U_s
 Admissible tolerance U_s

AC 230 V, alt. AC 400 V, 50/60 Hz, <math>< 3\text{ VA}</math>
 $\pm 20\%$

Output relay
 Type of contact

1 change-over contact (co)
type 2 see "general technical informations"

Test conditions
 Rated ambient temperature range

see "general technical informations"

$-20^\circ\text{C} \dots +55^\circ\text{C}$

Monitoring asymmetry
 Hysteresis
 Switching delay

switching point adjustable 5...15 %
 app. 2 %
 adjustable 0,1...12 s

Loss of voltage
 Hysteresis
 Switching delay

switching point app. 50 %
 app. 5 %
 0,1 s

Under-/overvoltage
 Switching point
 Hysteresis
 Switching delay

measuring voltage 3 AC 400 V
 adjustable $\pm 2 \dots 20\%$ (common, symmetric)
 app. 1 %
 adjustable 0,1-12 s

Dimensions (h x w x d)
 Attachment
 Protection housing / terminals
 Weight

housing K: 75 x 22,5 x 110 mm
 on 35 mm DIN-rail or with 2 screws M4 (option)
 IP 40 / IP 20
 160 g