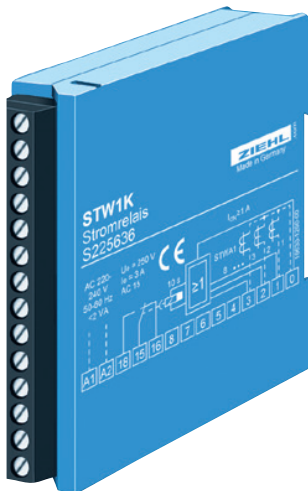


Monitor for 3-phase Type PSSW1

Phase Asymmetry, Phase Sequence, Over- and Undervoltage

PSSW1



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)
- Bifunctional measuring input 50/60 Hz

Displays:

4 LEDs for:

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

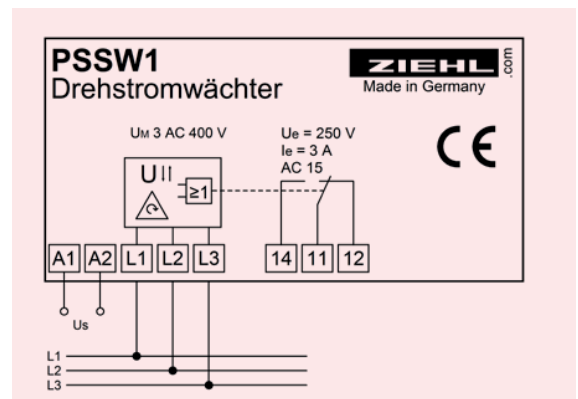
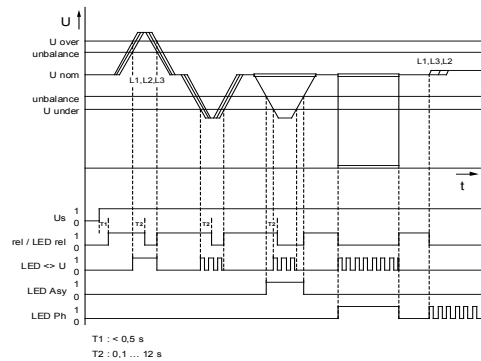
Order-numbers:

supply-voltage AC 230 V

P222525

supply-voltage AC 400 V

P222526



Technical Data

Rated supply voltage U_s
Admissible tolerance U_s

AC 230 V, alt. AC 400 V, 50/60 Hz, < 3 VA
 $\pm 20\%$

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