

Current-Relay STW1K

AC-Detection, OR-Evaluation of 1-8 Transformers

STW1K



Current relay in OR evaluation with 8 inputs, designed e.g. for controlling of suction plants in the timber and plastics processing industry.

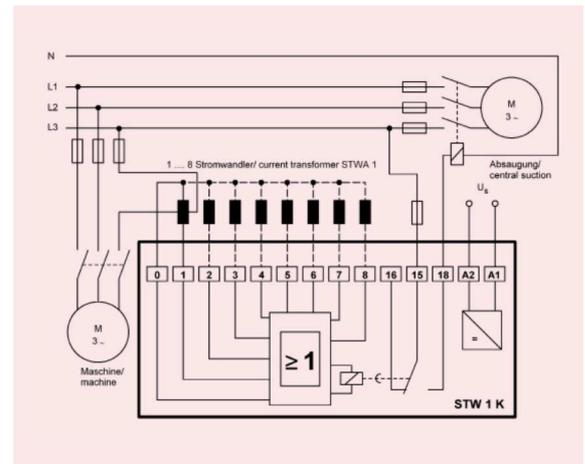
When there is an AC-current >1 A through one of up to 8 connected transformers STWA 1, the integrated relay (1co) picks up. When all currents are 0, the relay releases with a delay of approx. 10s. This enables a run-after of the central suction.

- 8 inputs
- OR-evaluation
- relay picks up if at least 1 input is activated
- operating value approx. 1 A
- turn-off delay approx. 10 s
- not necessary inputs remain open
- options:
 - switch-on delay 3 s
 - without switch-off delay

Order-number:

AC 220 - 240 V

S225636



Technical Data

Rated supply voltage U_s

AC 220 - 240 V +10-15%, < 3 VA, 50/ 60 Hz

Transformer input
 Overload cap.continuous/max 10s
 Function
 Switching point on
 Switching point off
 Switch-off delay
 Switch-on delay

1...8, type STWA , order-number S 225201
 100 A / 300 A
 OR-evaluation
 \leq AC 1 A
 $>$ AC 0,3 A
 approx. 10 sec.
 approx. 0,5 sec.

Output relay
 Type of contact
 Test conditions
 Rated ambient temperature range

1 change-over contact (co)
type 2, see "general technical informations"
 see "general technical informations"
 $-20^{\circ}\text{C} \dots +55^{\circ}\text{C}$

Dimensions (h x w x d)
 Attachment

Design K: 75 x 22.5 x 115 [mm]
 on 35 mm DIN rail according to DIN EN 60715
 or with screws M4 (option)

Protection housing / terminals
 Weight

IP 30 / IP 20
 approx. 140 g