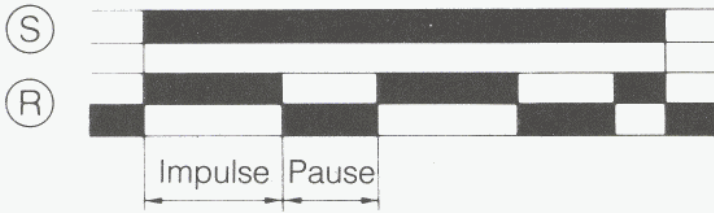


multi range

- Impulse and pause can be adjusted separately
- double-pole change-over
- LED-indication of timing (impulse - green, pause - red)



4 time ranges (switchable)

Impulse	Pause
0.5 — 15 s	0.5 — 15 s
2 — 60 s	2 — 60 s
0.3 — 8 min	0.3 — 8 min
2 — 60 min	2 — 60 min

Other time ranges and optional combinations of pause and impulse on request.

Timing starts with the supply voltage being applied by contact (S) and drops off after impulse period. After termination of pause period timing starts again. This process will be repeated until supply voltage is removed from timing relay. When using an external potentiometer, the timer must be set to zero.

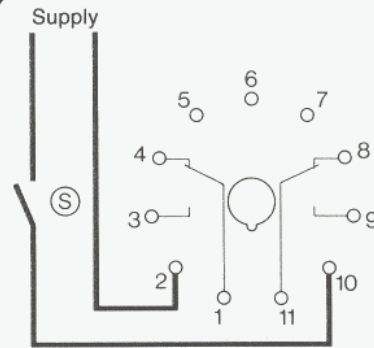
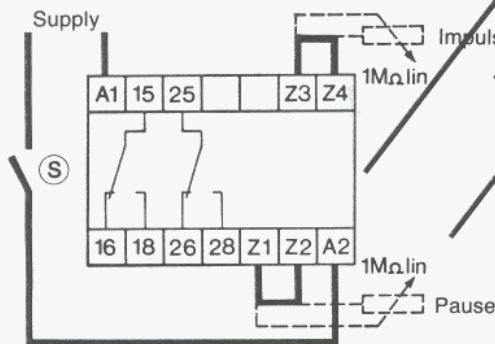
Accuracy:

Repeat accuracy at constant conditions (% of full range)	0.5%
Voltage effect in range of 0.85 - 1.1 Un	0.5%
Temperature effect	0.1%/°C
Reset time	100 ms
Accuracy of adjustment (% of full range)	≤ 5%

id.k

id.f

id.s



(8-pin on request)

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Technical data:

Supply voltages:

(can be chosen by plug-in power unit)
24, 42, 48, 110, 127, 220, 240, 380 V a.c.
24, 36, 42, 48 V a.c. and d.c.
6, 12, 60, 110 V d.c.
(max. remaining ripple factor 10%)

Nominal power consumption:

24 ... 380 V a.c./4 VA,
24 V a.c./d.c./2 VA, 36 V a.c./d.c./3 VA,
42 V a.c./d.c./3.5 VA, 48 V a.c./d.c./4 VA,
6 ... 110 V d.c./2 W

Acceptable voltage variation 0.85 - 1.1 Un

Frequency range 48 - 63 Hz

Duty cycle 100%, IEC class 1c

Environmental conditions:

Ambient temperature range -20° C to +55° C
Climate resistance F according to DIN 40040

Mechanical data/classifications:

Housings with plug-in power supply, self-quenching plastic material, protection class IP 40.

Connections:

Series k and f: Terminals shrouded to prevent human contact, max. 4 mm²
(Series p: 8-pin socket)
Series s: 11-pin socket

For standards and measurements, comp. tabulation of housings on page A1

Weight without plug-in power unit: approx. 280 g

Classifications:

VDE 0435: dielectric strength 2000 V a.c.
VDE 0110: group C 250 V a.c.
IEC-specifications 255-2

Output:

Contact
double-pole change over

Contact voltage
380 V a.c. 250 V d.c.

Permanent current max. 5 A

Contact rating:
220 V a.c. cos φ 1 1250 VA

Electrical life
220 V a.c. 5 A resist load
appr. 3.10⁸ operations

Mechanical life
appr. 30.10⁸ operations

Contact material
AgCdO