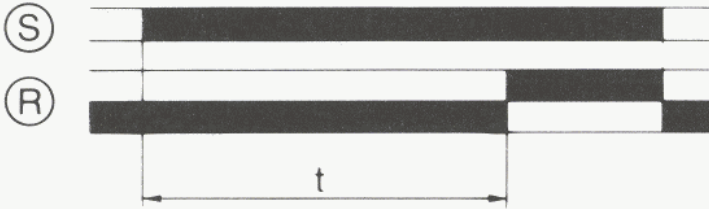


- double-pole change-over
- LED-indication of timing
- terminals for external potentiometer



Time ranges:

0.05 — 0.6 s	2 — 60 s
0.1 — 1 s	5 — 180 s
0.1 — 3 s	0.2 — 6 min
0.2 — 6 s	0.3 — 10 min
0.5 — 10 s	1 — 30 min
1 — 30 s	2 — 60 min

(Other times on request)

Timing starts with the supply voltage being applied by contact (S). The relay (R) operates at the end of the delay time *t* and drops off when the supply voltage is removed. If the supply voltage is removed from the timing relay before the termination of the delay period, the expired time will be entirely cancelled. When using an external potentiometer, the timer must be set to zero.

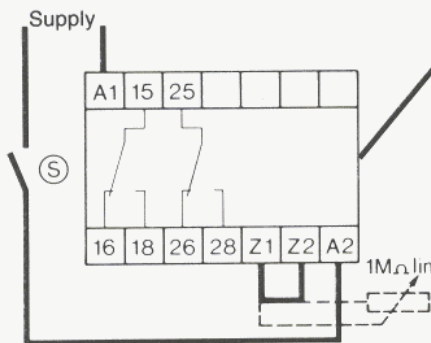
Accuracy:

Repeat accuracy at constant conditions (% of full range)	0.5%
Voltage effect in range of 0.85 - 1.1 U _N	0.5%
Temperature effect	0.1%/°C
Reset time	50 ms
Accuracy of adjustment (% of full range)	≤ 5%

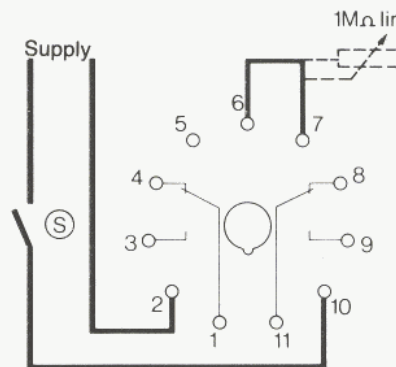
ed.k

ed.f

ed.s



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SERIES **VoX** CATALOGUE



(8-pin on request)

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 U_N

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. 3.10⁶ operations

Mechanical life appr. 30.10⁶ operations

Contact material AgCdO