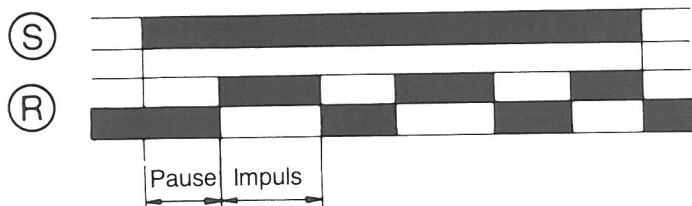


pause first

- impulse and pause can be adjusted separately
- LED-indication of timing (impulse – green, pause – yellow)
- terminals for external potentiometer (Series X)

Function: cyclic timer (pause first) double-pole change-over



4 time ranges (switchable):

Impulse	Pause
1 – 25 s	1 – 25 s
4 – 100 s	4 – 100 s
0.5 – 12 m	0.5 – 12 m
4 – 100 m	4 – 100 m

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

When the supply voltage $\text{\textcircled{S}}$ is connected to the supply terminals **A1–A2** (2–10) the pause period begins and the output relays $\text{\textcircled{R}}$ remain in the de-energised condition.

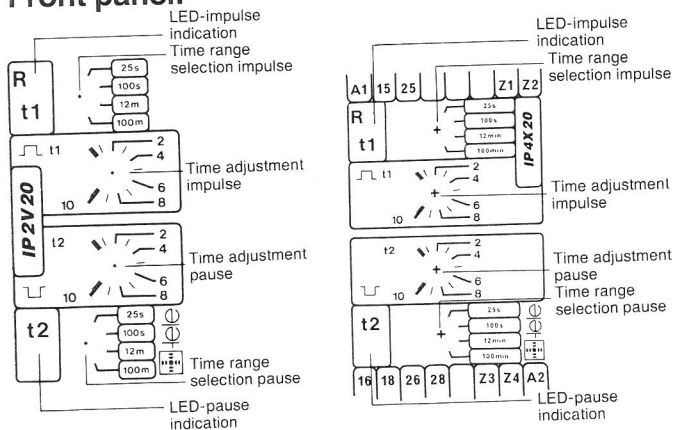
At the end of the pause period the output relays energise for the duration of the impulse period and then drop out.

The pause period then re-commences followed by the impulse. The cyclic action continues until the supply voltage is dis-connected.

Accuracy:

Repeat accuracy at constant conditions (% of full range)	0.5%
Voltage effect in range of 0.85 to 1.1 U_N	0.5%
Temperature effect	0.1%/°C
Reset time	100 ms

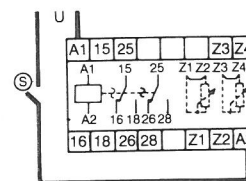
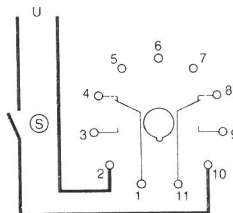
Front panel:



Connection:

IP3V20

IP4X20



Technical data:

Supply voltages:

(can be chosen by plug-in power unit)
24, 42, 48, 110, 127, 220, 240, 380, 415, 440 V AC
24, 36, 42, 48 V AC/DC
6, 12, 60, 110, 125, 220 V DC
(max. remaining ripple factor 10%)

Nominal power consumption:

24 ... 440 V AC/4 VA
24 V AC/DC/2 VA, 36 V AC/DC/3 VA
42 V AC/DC/3.5 VA, 48 V AC/DC/4 VA
6 ... 220 V DC/3 W

Acceptable voltage variation 0.8 to 1.2 U_N
When using transformers 0.85 to 1.1 U_N

Frequency range 48–63 Hz

Duty cycle 100%, IEC class 1c

Environmental conditions:

Ambient temperature range -20°C to $+55^{\circ}\text{C}$
Climate resistance F according to DIN 40040

Mechanical data/classifications:

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

Connections:

Series X: terminals shrouded to prevent human contact, max. 4 mm²
Series V: 11-pin socket
Series V8: 8-pin socket (on request)

For standards and measurements

comp. tabulation of housings on page 1

Classifications:

VDE 0435: dielectric strength 2000 V AC
VDE 0110: group C 250 V AC

Output:

Contact double pole change over

Contact voltage 380 V AC, 250 V DC

Permanent current max. 8 A

Contact rating 1500 VA

Electrical life 220 V AC 5 A resist. load appr. $2 \cdot 10^5$ operations

Mechanical life $\geq 20 \cdot 10^6$ operations

Contact material Ag gold plated