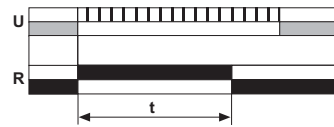


- ◆ single or dual supply voltage options
- ◆ SPCO or DPCO output relay
- ◆ 6 selectable time ranges 0.1sec - 10Hrs
- ◆ LED indicators for power supply and relay status
- ◆ 22.5mm DIN rail mount housing or 11pin plug in housing



### On pulse

- Supply voltage on
- Supply voltage off
- Output relay contact closed
- Output relay contact open



Remove supply voltage before making any changes to either time range or timing function.

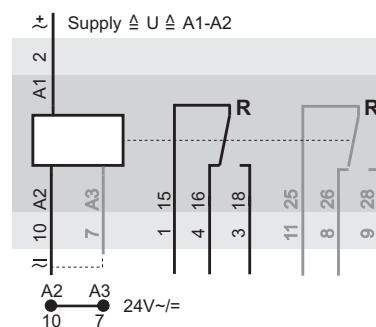
On the application of the supply voltage the output relay pulls in for the duration of time  $t$  and then drops out. The time relay resets ready for the next timing cycle when the supply voltage is removed.

If the supply voltage is removed during time  $t$  the output relay drops out, the remaining time is cancelled and the time relay resets.

### Time ranges

- 0,1s-1,0s
- 1,0s-10s
- 0,1min-1,0min
- 1,0min-10min
- 0,1h-1,0h
- 1,0h-10h

The required delay time within the range selected is set using the potentiometer on the front plate.



## specification

<b>supply voltage variation</b>	nominal voltage +10% / -15%		
<b>frequency range</b>	48 - 63 Hz		
<b>max. delay time</b>	100%		
<b>repeat accuracy</b>	< 1% of the selected range		
<b>relay type</b>	1	2	
<b>output relay spec</b>	230V~	6A	10A
le AC-15*	120V~	4A	5A
le AC-15*	240V~	3A	4A
le DC-13*	24V=	2A	4A
<b>expected life time</b>	DPCO	SPCO	
mechanical	2 x 10 <sup>6</sup> resp. 1 x 10 <sup>7</sup> operations		
electrical	1 x 10 <sup>5</sup> resp. 1 x 10 <sup>5</sup> operations		
<b>screws</b>	pozidrive 1		
<b>screw tightening torque</b>	0,6...0,8Nm		
<b>operating conditions</b>	-20 to +60 °C non condensing		

\* EN 60947-5-1 VDE 0435

## ordering information

part no	supply	output	relay type	CE	housing type
<b>TW01</b>	230V~ / 24V~=	6VA / 1W	DPCO	yes	B
<b>TW04</b>	115V~ / 24V~=	6VA / 1W	DPCO	yes	B
<b>DWR230</b>	230V~ / 24V~=	6VA / 1W	SPCO	yes	A
<b>DWR115</b>	115V~ / 24V~=	6VA / 1W	SPCO	yes	A
<b>TW12</b>	230V~	6VA	SPCO	yes	A
<b>TW13</b>	24V~=	1W	SPCO	yes	A
<b>TW15</b>	115V~	6VA	SPCO	yes	A
<b>TW41</b>	230V~ / 24V~=	6VA / 1W	DPCO	no	G
<b>TW42</b>	230V~ / 24V~=	6VA / 1W	SPCO	no	G
<b>TW71</b>	230V~ w. transf.	2VA	DPCO	no	G

other voltages on request

