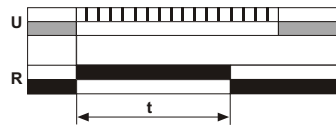


- ◆ single or dual supply voltage options
- ◆ SPCO or DCPO output relay
- ◆ 6 selectable time ranges
- ◆ LED indicators for power supply and contact
- ◆ 22.5mm DIN rail mount housing or 11pin plug in housing



### On pulse

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

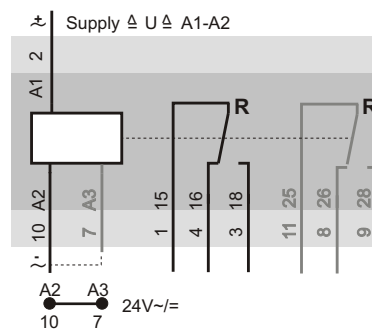


Remove supply voltage before making any changes to either time range or timing function.

### 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>	1 x 10 <sup>7</sup>
electrical	1 x 10 <sup>5</sup>	1 x 10 <sup>5</sup>
<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	DCPO	1	yes	B
<b>TW04</b>	115V~ / 24V~=	6VA / 1W	DCPO	1	yes	B
<b>DWR230</b>	230V~ / 24V~=	6VA / 1W	SPCO	2	no	A
<b>DWR115</b>	115V~ / 24V~=	6VA / 1W	SPCO	2	no	A
<b>TW12</b>	230V~	6VA	SPCO	2	yes	A
<b>TW13</b>	24V~=	1W	SPCO	2	yes	A
<b>TW15</b>	115V~	6VA	SPCO	2	yes	A
<b>TW41</b>	230V~ / 24V~=	6VA / 1W	DCPO	1	no	G
<b>TW42</b>	230V~ / 24V~=	6VA / 1W	SPCO	1	no	G
<b>TW71</b>	230V~ w. transf.	2VA	DCPO	1	no	G

other voltages on request

