

## Multifunction time relay – asymmetric cycler

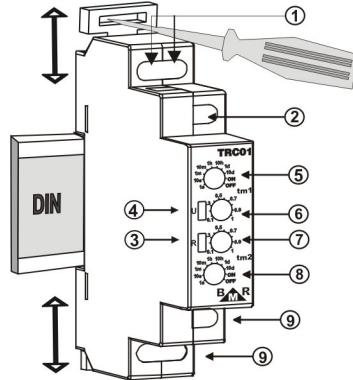
### 1. Device description

TRC01 is multifunction time relay – asymmetrical cycler, with beginning of pulse or pause. Time pause is adjustable from 0,1 sec to 10 days. Other possible modes are: timing always ON and timing always OFF. Relay is equipped with one 8 A output changeover contact.

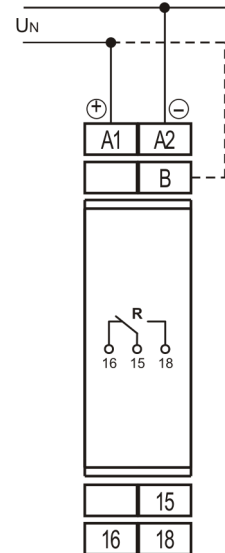
#### Terminal description:

- 1 Supply voltage
- 2 Selection of function terminal
- 3 Output indication
- 4 Supply indication
- 5 1<sup>st</sup> time setting
- 6 1<sup>st</sup> time fine setting
- 7 2<sup>nd</sup> time fine setting
- 8 2<sup>nd</sup> time setting
- 9 Outputs

#### Terminal placement:



#### Connection diagram:



### 2. Function

**A1, B not switched through** - Cycles are beginning with a pulse



**A1, B switched through** - Cycles are beginning with a pause



### 3. Technical parameters

Parameter	Value
Supply voltage:	12 VAC, VDC to 230 VAC
Supply terminals:	A1, A2
Power consumption:	max. 1,5 VA
Number of functions:	2
Supply indication:	green LED
Timing indication:	yellow LED blinking
Time pause scale:	0,1 sec to 10 days
<b>Output parameters:</b>	
Number and type of contacts:	1x changeover contact
Nominal current:	8 A
Switching power:	max. AC 2000 VA
Trigger current:	30 A
Rated voltage / Maximal switching voltage:	250 VAC / 440 VAC
Mechanical life:	3 x 10 <sup>7</sup>
Electrical life:	1 x 10 <sup>5</sup> 250 VAC, 2 A
<b>Others:</b>	
Working temperature:	-20 .. +55 °C
Storage temperature:	-40 .. +70 °C
Working position:	any
Device mounting:	IEC 60715 (DIN 35)
Protection degree:	IP 40 front panel / IP 20 terminals
Input/Output Electrical strength:	4 kV
Input wire diameter with/without cavern:	max. 2x1,5mm <sup>2</sup> ; 1x2,5mm <sup>2</sup> / max. 2x1,5mm <sup>2</sup> ; 1x2,5mm <sup>2</sup>
Weight:	75 g
Dimensions:	90 x 18 x 65 mm
Standards:	IEC 60255-6, IEC 61010



#### Note

*For changing the time range, it is not necessary to switch-off the relay.*