

Single function time relay

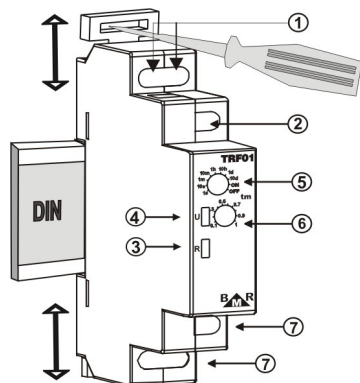
1. Device description

TRF01 is a single-function relay for delay release after control contact disconnection, with immediate output reaction. It is possible to set time out from 0,1 sec till 10 days. Another operating states: timer always ON and timer always OFF. Relay has one output double-throw contact 8 A.

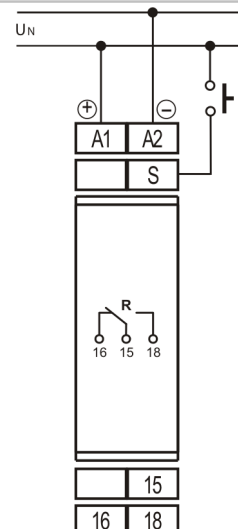
Terminal description:

- ① Supply voltage
- ② Control input START
- ③ Output indication
- ④ Supply voltage indication
- ⑤ Time adjustment
- ⑥ Time fine-adjustment
- ⑦ Outputs

Terminal placement:



Connection diagram:



2. Function

Function - delay on release after control contact disconnection, with immediate output reaction



3. Technical features

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



Note

When the time interval is being adjusted, it is not necessary to disconnect supply voltage.