

Single function time relay

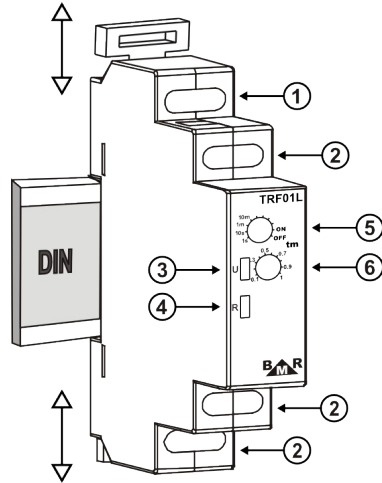
1. Device description

TRF01L is a single-function time relay for delayed release after lost of supply voltage. Delay time is possible to set time out from 0,1 sec till 10 minutes. Another operating states: timer always ON and timer always OFF. Relay has two outputs with double-throw contact 8 A.

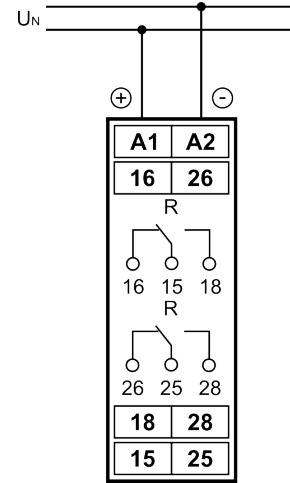
Terminal description:

- ❶ Supply voltage
- ❷ Outputs
- ❸ Supply voltage indication
- ❹ Output indication
- ❺ Time adjustment
- ❻ Time fine-adjustment

Terminal placement:



Connection diagram:



2. Function

Function - delay on release after supply voltage lost



3. Technical features

Parameter	Value
Supply voltage	12 V AC, V DC to 230 V AC
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 minutes
Output parameters	
Number and type of contacts	2 x 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.