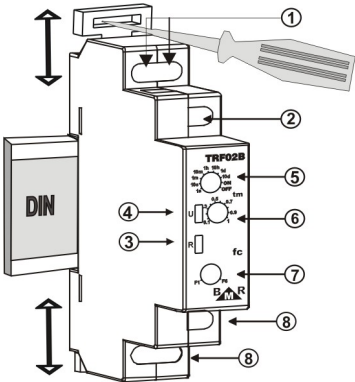
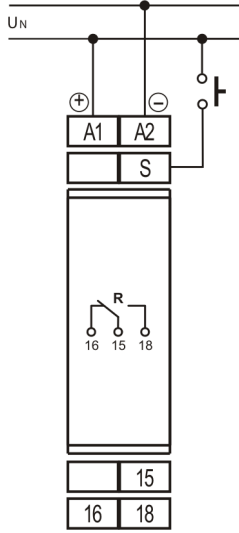


Multifunction time relay

1. Device description

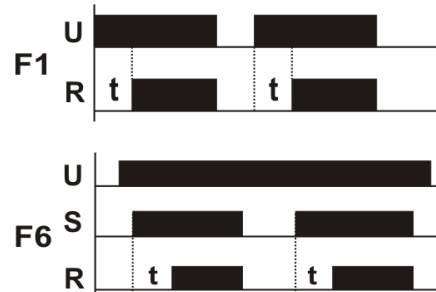
TRF02B is double-function time relay for delayed start after supply or control voltage connection, with immediate output reaction. Time delay is possible to be set from 0,1 second up to 10 days. Another operating states: timer always ON and timer always OFF. Relay has one output double-throw contact 8 A.

| Terminal description: | Terminal placement: | Connection diagram: |
|--|---|---|
| <ul style="list-style-type: none"> ① Supply voltage ② Control input START ③ Input indication ④ Supply voltage indication ⑤ Time adjustment ⑥ Time fine-adjustment ⑦ Function selection ⑧ Outputs |  |  |

2. Function

F1 - delay on operate - delay period begins when supply voltage is applied

F6 - delay on operate - delay period begins when control voltage is applied



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: | 2 |
| Supply indication: | green LED |
| Timing indication: | yellow LED blinking |
| Time adjustable range: | 0,1 sec to 10 days |
| Output parameters: | |
| Number and type of contacts: | 1x changeover |
| 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 ⁶ |
| Electrical lifetime: | 1 x 10 ⁴ 250 VAC, 8 A |
| 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

After changing the function, it is recommended to make immediate activation by switching off and on power supply voltage. Otherwise, function change will become active after previous set time expires. If time interval is changed, there is no need to disconnect supply voltage.