- Industrial design
- Width 22.5mm
- OFF delay with control contact
- 8 time ranges
- 1 change over contact

Technical data

1. Functions

R OFF delay with control contact

2. Time ranges

Time range	Adjustment range	
1s	50ms	1s
10s	500ms	10s
1min	3s	1min
10min	30s	10min
1h	3min	1h
10h	30min	10h
1d	72min	1d
10d	12h	10d

3. Indicators

Green LED ON: indication of supply voltage
Green LED flashes: indication of time period
Yellow LED ON/OFF: indication of relay output

4. Mechanical design

Self-extinguishing plastic housing, IP rating IP40
Mounted on DIN-Rail TS 35 according to EN 50022
Mounting position: any
Shockproof terminal connection according to VBG 4 (PZ1 required), IP rating IP20
Initial torque: max. 1Nm
Screw terminals:
1 x 0.5 to 2.5mm² with/without multicore cable end
1 x 4mm² without multicore cable end
2 x 0.5 to 1.5mm² with/without multicore cable end
2 x 2.5mm² flexible without multicore cable end

5. Input circuit

Supply voltage:

24V DC	terminals A1(+)-A2 voltage selector engaged
24V AC	terminals A1-A2 voltage selector engaged
110V AC	terminals A1-A2, (D6DR 24/110V) voltage selector not engaged
230V AC	terminals A1-A2, (D6DR 24/230V) voltage selector not engaged

Tolerance:

24V DC	±10%
24V AC	-15% to +10%
110V AC	-15% to +10%
230V AC	-15% to +15%

Rated frequency: 48 to 63Hz
Rated consumption:

24V AC/DC	1.5VA (1W)
110V AC	2VA (1W)
230V AC	8VA (1.5W)

Duration of operation: 100%
Reset time: 100ms
Residual ripple for DC: 10%
Drop-out voltage: >10% of the supply voltage

6. Output circuit

1 potential free change over contact
Switching capacity (distance < 5mm): 750VA (3A / 250V AC)
Switching capacity (distance > 5mm): 1250VA (5A / 250V AC)
Fusing: 6A fast acting
Mechanical life: 10 x 10^6 operations
Electrical life: 1 x 10^5 operations at 1000VA resistive load
Switching frequency: max. 60/min at 100VA resistive load
max. 6/min at 1000VA resistive load (according to IEC 947-5-1)
Insulation voltage: 250V AC (according to IEC 664-1)
Surge voltage: 4kV, overvoltage category III (according to IEC 664-1)

7. Control contact

Connections: not potential free, terminals A1-B1
Loadable: yes, parallel load min.1VA (0.5W) terminals A2-B1
Line length: max. 10m
Control pulse length: DC min. 50ms
AC min. 50ms

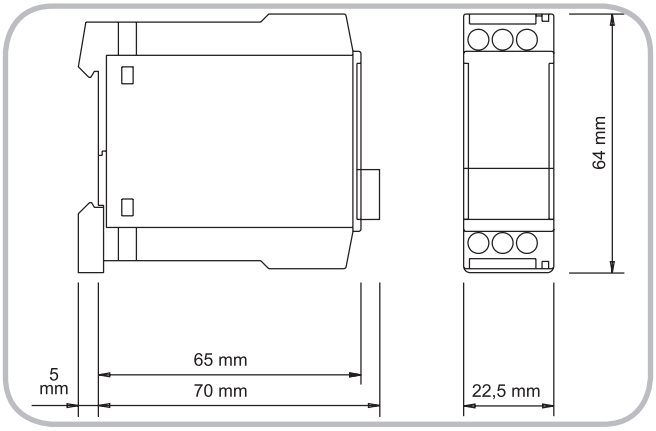
8. Accuracy

Base accuracy: ±1% (of maximum scale value)
Adjustment accuracy: ≤5% (of maximum scale value)
Repetition accuracy: <0.5% or ±5ms
Voltage influence: -
Temperature influence: ≤0.01% / °C

9. Ambient conditions

Ambient temperature: -25 to +55°C (according to IEC 68-1)
-25 to +40°C (according to UL 508)
Storage temperature: -25 to +70°C
Transport temperature: -25 to +70°C
Relative humidity: 15% to 85% (according to IEC 721-3-3 class 3K3)
Pollution degree: 3 (according to IEC 664-1)

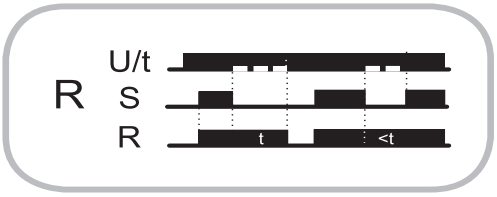
10. Dimensions



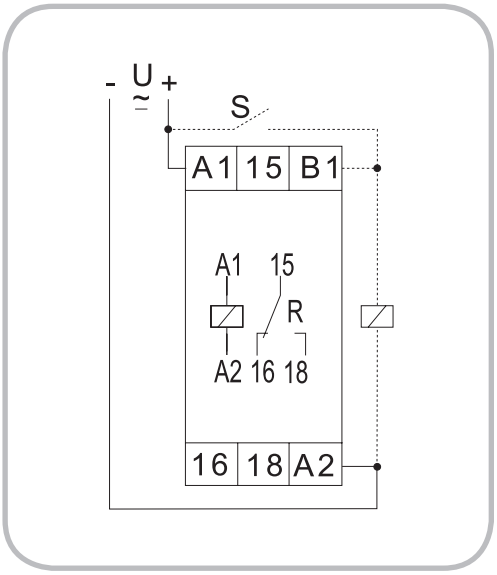
Functions

OFF delay with control contact (R)

The supply voltage U must be constantly applied to the device (green LED illuminated).
When the control contact S is closed, the output relay R switches into on-position (yellow LED illuminated). If the control contact is opened, the set interval t begins (green LED flashes). After the interval t has expired (green LED illuminated) the output relay switches into off-position (yellow LED not illuminated).
If the control contact is closed again before the interval t has expired, the interval already expired is erased and is restarted with the next cycle.



Connections



Automation Components