

- ▶ Industrial design
- ▶ Width 22.5mm
- ▶ OFF delay without auxiliary voltage
- ▶ 4 time ranges
- ▶ 1 change over contact



Technical data

1. Functions

A OFF delay without auxiliary voltage

2. Time ranges

Time range	Adjustment range		
1s	100ms	1s	
10s	1s	10s	
1min	6s	1min	
3min	18s	3min	(D6DA 3min)
10min	1min	10min	(D6DA 10min)

3. Indicators

Green LED ON: indication of supply voltage

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
 Terminal capacity:
 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
110 to 240V AC	terminals A1-A2 voltage selector not engaged

Tolerance:
 24V DC ±10%
 24V AC -15% to +10%
 110 to 240V AC -15% to +10%
 Rated frequency: 48 to 63Hz

Rated consumption:
 24V DC 250mVA (250mW)
 24V AC 1VA (500mW)
 110V AC 2VA (500mW)
 230V AC 8VA (1.3W)

Duration of operation: 100% (min. 2s)
 Reset time: 500ms
 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: 20 x 10⁶ operations
 Electrical life: 1 x 10⁵ operations
 at 1000VA resistive load
 Switching frequency: max. 10/min at 100VA resistive load
 max. 3/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)

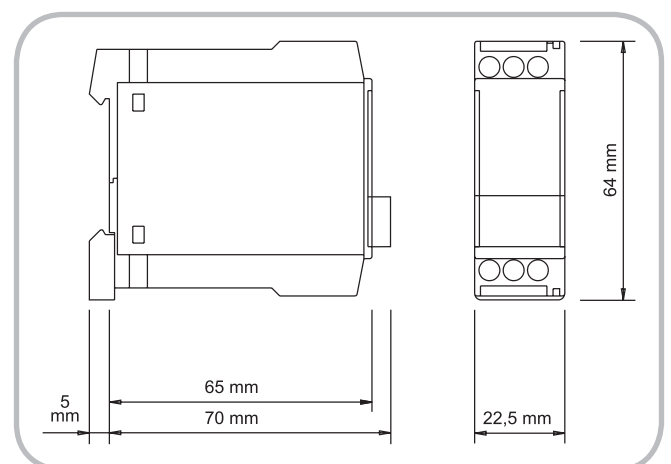
7. Accuracy

Base accuracy: -2% to +8%
 (of maximum scale value)
 -5% to -15%
 (of maximum scale value for
 time ranges 3min, 10min)
 Adjustment accuracy: ≤8% (of maximum scale value)
 Repetition accuracy: <2%
 Voltage influence: ≤0.1% / 1% supply voltage change
 Temperature influence: ≤0.1% / °C

8. 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)

9. Dimensions

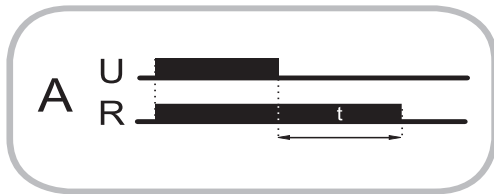


Functions

OFF delay without auxiliary voltage (A)

When the supply voltage U is applied (green LED illuminated), the output relay R switches into on-position. If the supply voltage is interrupted (green LED not illuminated), the set interval t begins. After the interval t has expired the output relay switches into off-position.

If the supply voltage is re-applied before the interval t has expired, the interval already expired is erased and is restarted with the next cycle.



Connections

