

- Industrial design
- Width 22.5mm
- Asymmetric flasher
- 8 time ranges
- 1 change over contact



► Technical data

► 1. Functions

lp Asymmetric flasher pause first
li Asymmetric flasher pulse first (A1-B1 bridged)

► 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 fast: indication of time period t2
Green LED flashes slow: indication of time period t1
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
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

Power consumption:
24V AC/DC 1.5VA (1W)
110V AC 2VA (1W)
230V AC 8VA (1.3W)

Duration of operation: 100%
Reset time: 100ms
Residual ripple for DC: 10%
Drop-out voltage: >30% of the supply voltage

► 6. Output circuit

1 potential free change over contact
Switching capacity (distance < 5mm): 1250VA (5A / 250V AC)
Switching capacity (distance > 5mm): 2000VA (8A / 250V AC)
Fusing: 8A fast acting
Mechanical life: 20 x 10⁶ operations
Electrical life: 2 x 10⁵ 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)

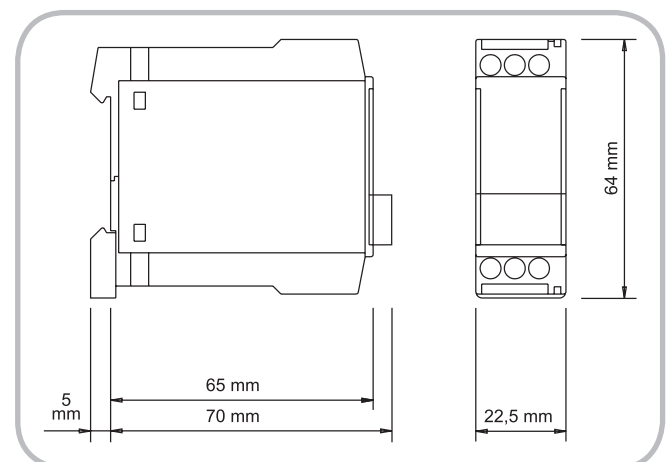
► 7. Accuracy

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

► 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)

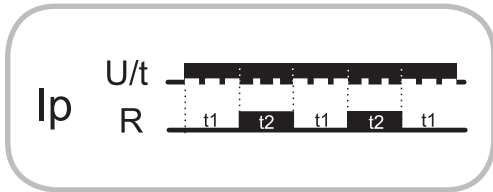
► 9. Dimensions



Functions

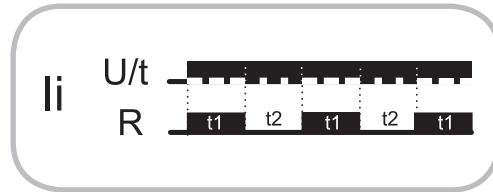
Asymmetric flasher pause first (Ip)

When the supply voltage U is applied, the set interval t1 begins (green LED flashes slow). After the interval t1 has expired, the output relay R switches into on-position (yellow LED illuminated) and the set interval t2 begins (green LED flashes fast). After the interval t2 has expired, the output relay switches into off-position (yellow LED not illuminated). The output relay is triggered at the ratio of t1:t2 until the supply voltage is interrupted.



Asymmetric flasher pulse first (Ii)

When the supply voltage U is applied, the output relay R switches into on-position (yellow LED illuminated) and the set interval t1 begins (green LED flashes slow). After the interval t1 has expired, the output relay switches into off-position (yellow LED not illuminated) and the set interval t2 begins (green LED flashes fast). After the interval t2 has expired, the output relay switches into on-position (yellow LED illuminated). The output relay is triggered at the ratio of t1:t2 until the supply voltage is interrupted.



Connections

