

- ▶ Emergency light tester
- ▶ 1 change-over contact
- ▶ Width 17.5mm
- ▶ Installation design



Technical data

1. Functions

Ws Single shot leading edge with control contact

2. Time ranges

Time range 10min, 30min, 1h and 3h
(fixed, selectable by means of rotary switch)

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
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: 230V AC terminals A1-A2
Tolerance: -15% to +10%
Rated frequency: 48 to 63Hz
Rated consumption: 4VA (0.6W)
Duration of operation: 100%
Reset time: 250ms
Residual ripple for DC: -
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)
Rated voltage: 250V AC (according to IEC 664-1)
Rated surge voltage: 4kV, overvoltage category III
(according to IEC 664-1)

7. Control contact

Function: integrated test key
Loadable: -
Line length: -
Control pulse length: min. 20ms

8. Accuracy

Base accuracy: ±1%
Adjustment accuracy: -
Repetition accuracy: <0.5%
Voltage influence: -
Temperature influence: ≤0.01% / °C

9. Ambient conditions

Ambient temperature: -25 to +55°C (according to IEC 68-1)
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)
2, if built-in 3 (according to IEC 664-1)
Pollution degree:

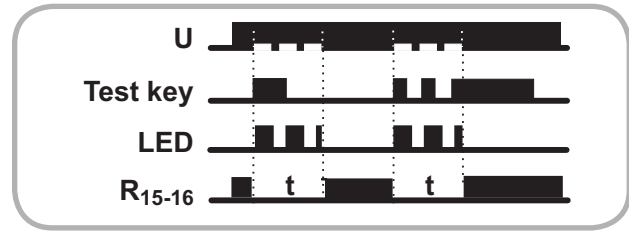
Functions

Single shot leading edge with control contact (Ws)

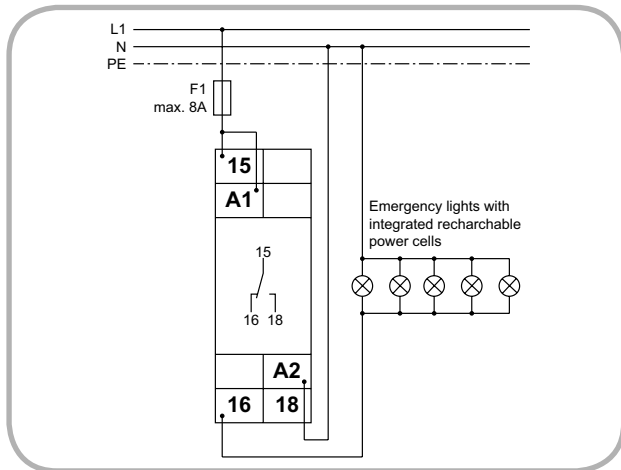
The supply voltage U must be constantly applied to the device (green LED illuminated).

Pressing the integrated test key forces the output relay R to switch into on-position (yellow LED illuminated), so the emergency lights are disconnected from the mains and 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) and the emergency lights are reconnected to the mains.

During the interval, the test key can be operated any number of times. A further cycle can only be started when the cycle run has been completed.



Connections



Dimensions

