

- ▶ 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 2.5mm<sup>2</sup> with/without multicore cable end  
1 x 4mm<sup>2</sup> without multicore cable end  
2 x 0.5 to 1.5mm<sup>2</sup> with/without multicore cable end  
2 x 2.5mm<sup>2</sup> 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 10<sup>6</sup> operations  
Electrical life: 2 x 10<sup>5</sup> 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:

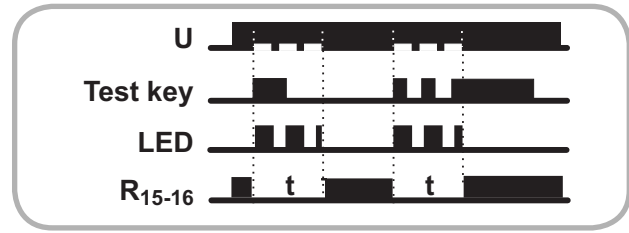
## Functions

### Single shot leading edge with control contact (Ws)

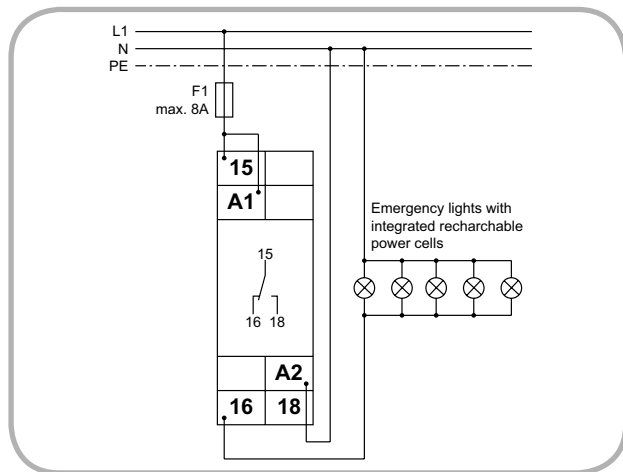
The supply voltage U must be constantly applied to the device (green LED illuminated).

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

