

Staircase lighting time switches

Features

- Electronic
- Automatic recognition of 3-line or 4-line connection
- Manual switch
- Adjustment range: 0,5 – 20 min

Applications

- Lighting or ventilation for
- Stairs
 - Basements
 - Halls
 - Toilets



trealux 210

230 V / 50 Hz

EAN-Code 4010940

024789

Ord.-No.

18.13.0009.1

trealux 410

220-240 V / 50-60 Hz

042097

18.13.0018.1

trealux 210

- Immediately adjustable
- Connection from below
- Switching capacity: 2300 W

trealux 410

- Immediately adjustable
- Switching capacity: 3600 W



trealux 510

220-240 V / 50-60 Hz

039127

18.13.0016.1

- Pre-warning
- Safety staircase lighting time switch in acc. to DIN 18015 with impulse pre-warning
- If any key is pressed for more than 2 seconds, the light remains on for 1 hour
- Switching capacity: 3600 W

Technical data

| | trealux 210 | trealux 410 | trealux 510 |
|--|--|---|---|
| Dimensions H x W x D (mm) | 45 x 17,5 x 62 | 45 x 17,5 x 62 | 45 x 17,5 x 62 |
| Distributor cut-out (mm) | 46 x 18 | 46 x 18 | 46 x 18 |
| Connection | 230 V / 50 Hz | 220-240 V / 50-60 Hz | 220-240 V / 50-60 Hz |
| Switching capacity AC | | | |
| – Ohmic load (VDE, IEC) cos. φ 1 | 16 A / 250 V AC | 16 A / 250 V AC | 16 A / 250 V AC |
| – Inductive load cos. φ 0,6 | 10 A / 250 V AC | 10 A / 250 V AC | 10 A / 250 V AC |
| – Incandescent lamp load | 2300 W | 3600 W | 3600 W |
| – Halogen lamp load | 2300 W | 3600 W | 3600 W |
| – Halogen (low voltage) | 1000 W | 1600 VA | 1600 VA |
| – Fluorescent lamp in DUO circuit | 20 x 2 x 58 W | 3600 VA | 3600 VA |
| – Fluorescent lamp, parallel compensated | 20 x 58 W | 3600 VA | 3600 VA |
| – Fluorescent lamp, series-compensated | 40 x 58 W | 3600 VA | 3600 VA |
| – Power consumption stand by mode | 0,5 W | 0,5 W | 0,5 W |
| – EVG | 500 VA | 1000 VA | 1000 VA |
| – KVG | 1000 W | 1500 VA | 1500 VA |
| – CFL (EVG) | 15 x 7 W; 12 x 11 W; 11 x 15 W; 10 x 20 W | 34 x 7 W; 27 x 11 W; 24 x 15 W; 22 x 23 W | 34 x 7 W; 27 x 11 W; 24 x 15 W; 22 x 23 W |
| – LEDs | 750 W | 1200 W | 1200 W |
| Switch contacts | 1 NO | 1 NO | 1 NO |
| Ambient temperature | -10°C ... +55°C | -10°C ... +55°C | -10°C ... +55°C |
| Protection class | II | II | II |
| Protection type | IP 20 | IP 20 | IP 20 |
| Pilot lights | max. 50 \overline{I}_n x1 mA (3-line connection) max. 50 \overline{I}_n x1 mA (4-line connection) | max. 50 \overline{I}_n x1 mA (3-line connection) max. 150 \overline{I}_n x1 mA (4-line connection) | max. 50 \overline{I}_n x1 mA (3-line connection) max. 150 \overline{I}_n x1 mA (4-line connection) |
| On-time | 100% ED | 100% ED | 100% ED |
| Max. terminal capacity | 1 - 4 mm ² | 1 - 4 mm ² | 1 - 4 mm ² |
| Connection type | captive \pm screw terminals | captive \pm screw terminals | captive \pm screw terminals |
| Switching type | automatic recognition of 3-line or 4-line connection | automatic recognition of 3-line or 4-line connection | automatic recognition of 3-line or 4-line connection |

Accessories

Assembly accessories

see page 74

see page 74

see page 74

Dimensional drawings / circuit diagrams:

