

## Description



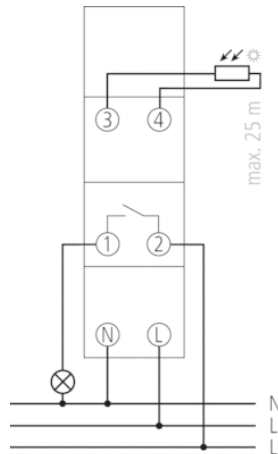
- Analogue twilight switch
- External light sensor included in delivery
- Fixed On and Off switching delay
  - to avoid faulty operation caused by lightning, car headlights etc.
- Display of channel and switching status
- Infinitely adjustable switching brightness

## Technical data

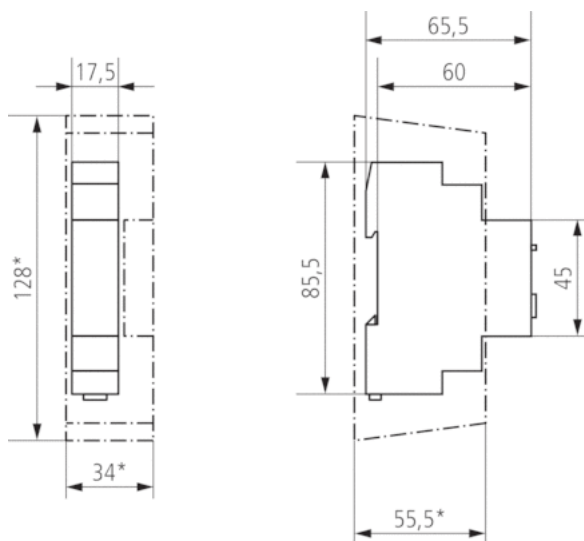
|                                                         |                                                                        |
|---------------------------------------------------------|------------------------------------------------------------------------|
| Operating voltage                                       | 220 – 240 V AC                                                         |
| Frequency                                               | 50 – 60 Hz                                                             |
| Number of channels                                      | 1                                                                      |
| Stand-by consumption                                    | ~0,8 W                                                                 |
| Capacity loss max.                                      | 0,9 W                                                                  |
| Setting range brightness                                | 2 – 100 lx                                                             |
| Switch-on delay                                         | 20 s                                                                   |
| Switch-off delay                                        | 80 s                                                                   |
| Type of contact                                         | NO contact                                                             |
| Switching output                                        | Potential-free                                                         |
| Width                                                   | 1 modules                                                              |
| Installation type                                       | DIN rail                                                               |
| Type of connection                                      | Screw terminals                                                        |
| Switching capacity                                      | 16 A (at 250 V AC, $\cos \varphi = 1$ ), 10 AX (Fluorescent lamp load) |
| Incandescent lamp load                                  | 2300 W                                                                 |
| Halogen lamp load                                       | 2300 W                                                                 |
| Fluorescent lamp load (conventional) not corrected      | 2300 VA                                                                |
| Fluorescent lamp load (conventional) series-corrected   | 2300 VA                                                                |
| Fluorescent lamp load (conventional) lead-lag circuit   | 2300 VA                                                                |
| Fluorescent lamp load (conventional) parallel-corrected | 400 VA 42 $\mu$ F                                                      |
| LED lamp < 2 W                                          | 20 W                                                                   |
| LED lamp 2-8 W                                          | 55 W                                                                   |
| LED lamp > 8 W                                          | 70 W                                                                   |
| Energy saving lamps                                     | 90 W                                                                   |
| Fluorescent lamp load (electronic ballast)              | 300 W                                                                  |

|                                 |                                                              |
|---------------------------------|--------------------------------------------------------------|
| Test approval                   | VDE                                                          |
| Housing and insulation material | High-temperature resistant, self-extinguishing thermoplastic |
| Ambient temperature             | -25 °C ... +50 °C                                            |
| Type of protection              | IP 20, sensor IP 65                                          |
| Protection class                | II                                                           |
| Max. cable length to sensor     | 25 m                                                         |

### Connection example



### Scale drawings



### Accessories

#### Surface-mounted light sensor

- Article number: 9070008  
[Details ▶ www.theben.de](http://www.theben.de)



#### Analogue flush-mounted light sensor

- Article number: 9070011  
[Details ▶ www.theben.de](http://www.theben.de)



#### Wall mounting kit 17,5 mm

- Article number: 9070065  
[Details ▶ www.theben.de](http://www.theben.de)



Front panel kit

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- Article number: 9070001  
Details ▶ [www.theben.de](http://www.theben.de)

