

LUNA 109 EL

Article number: 1090200

Description



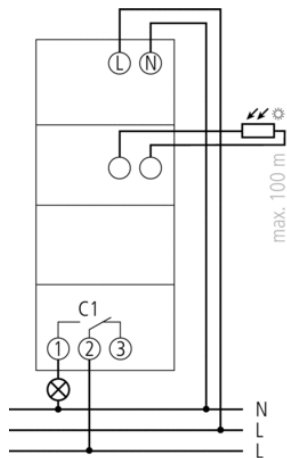
- Analogue twilight switch
- External light sensor included in delivery
- DuoFix spring terminals
 - for 2 conductors per connection terminal
- Fixed On and Off switching delay
 - to avoid faulty operation caused by lightning, car headlights etc.
- Display of channel and switching status
- Test function
 - for monitoring installation independent of set brightness value
- Infinitely adjustable switching brightness

Technical data

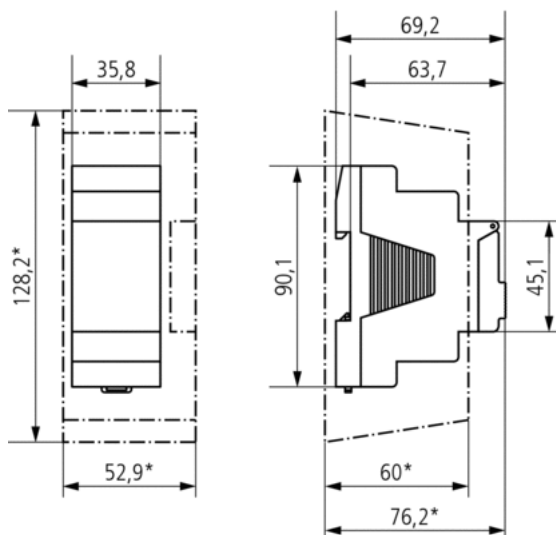
Operating voltage	220 – 240 V AC
Frequency	50 – 60 Hz
Number of channels	1
Stand-by consumption	1,1 W
Setting range brightness	2 – 2000 lx
Switch-on delay	60 s
Switch-off delay	60 s
Type of contact	Changeover contact
Switching output	Potential-free
Width	2 modules
Installation type	DIN rail
Type of connection	DuoFix spring terminals
Keyboards	1 potentiometer, 1 test button
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 μ F
energy saving lamps	9 x 7 W, 7 x 11 W, 7 x 15 W, 7 x 20 W, 7 x 23 W
Fluorescent lamp load (electronic ballast)	300 VA
Test approval	VDE
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic
Ambient temperature	-30 °C ... +55 °C

Type of protection	IP 20, sensor IP 65
Protection class	II, Sensor III
Max. cable length to sensor	100 m

Connection example



Scale drawings



Accessories

Analogue surface-mounted light sensor

- Article number: 9070416
[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 35 mm

- Article number: 9070064
[Details ► www.theben.de](http://www.theben.de)



Front panel kit

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

