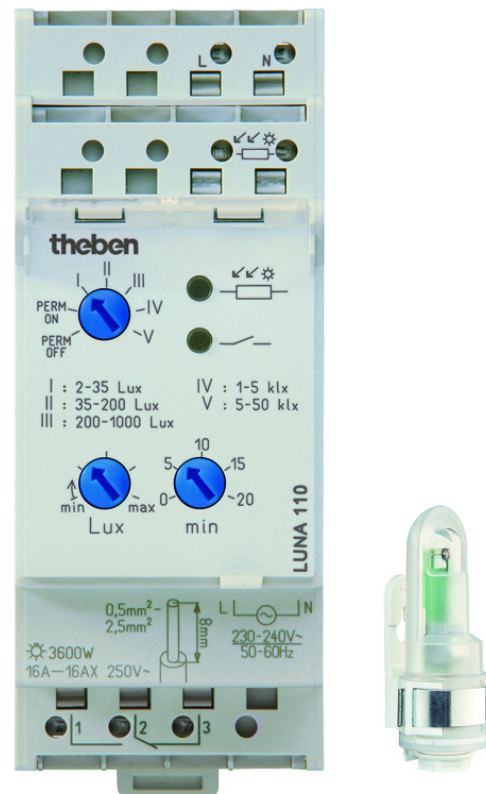# LUNA 110 AL 24V

Item no.: 1104100

theben

Time and light control
Twilight switches

Description

- Analogue twilight switch
- External light sensor included in delivery
- Adjustable On and Off switching delay
- to avoid faulty operation caused by lightning, car headlights etc.
- Display of channel and switching status
- DuoFix spring terminals
- for 2 conductors per connection terminal
- Extended brightness levels and adjustable delay
- Five adjustable brightness levels for simple setting of lux value
- Zero-cross switching for relay-saving switching and high lamp loads
  (not with 24 V devices)

Technical data

	LUNA 110 AL 24V
Operating voltage	12 − 24 V UC
Frequency	50 − 60 Hz
Number of channels	1
Stand-by consumption	~0.2 W
Setting range brightness	2 − 50000 lx
Switch-on delay	0 − 20 min
Switch-off delay	0 − 20 min
Type of contact	Changeover contact
Switching output	Potential-free
Width	2 modules
Installation type	DIN rail
Type of connection	DuoFix spring terminals
Keyboards	3 potentiometers

	LUNA 110 AL 24V
Switching capacity	16 A at 250 V AC, cos φ = 1, 2 AX Fluorescent lamp load
Switching capacity min.	<10 mA
Incandescent/halogen lamp load	1400 W
Halogen lamp load	1400 W
Fluorescent lamp load (conventional) parallel-corrected	58 W 7 µF
LED lamp < 2 W	6 W
LED lamp 2-8 W	20 W
LED lamp > 8 W	24 W
Energy saving lamps	45 W
Fluorescent lamp load (electronic ballast)	180 W

LUNA 110 AL 24V

Item no.: 1104100

Technical data

	LUNA 110 AL 24V
Sensor (included)	24 V UC | Surface-mounted light sensor
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic

	LUNA 110 AL 24V
Ambient temperature	-30°C … 55°C
Type of protection	IP 20, sensor IP 55
Protection class	II, Sensor III
Max. cable length to sensor	100 m

Connection example
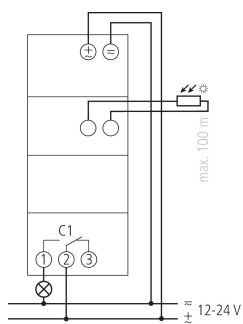
Scale drawings

Subject to technical changes and misprints

additional information at: www.theben.de/product/1104100

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

05/08/2022

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Accessories
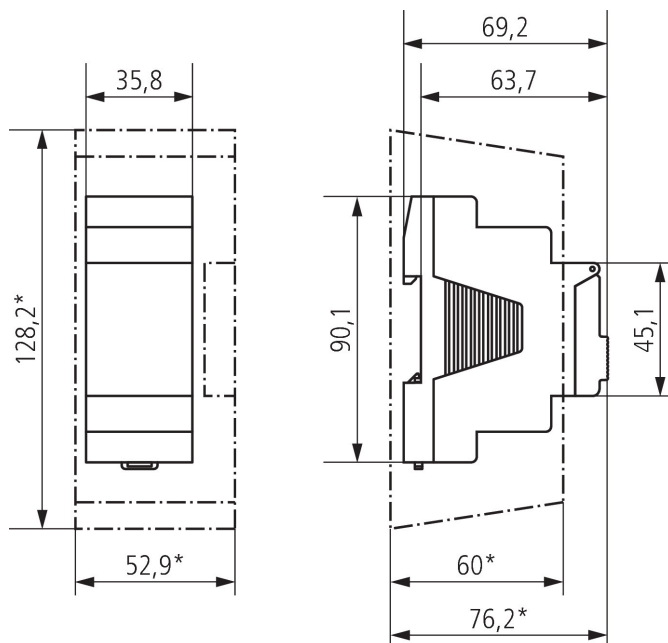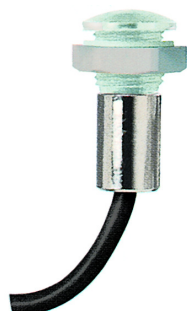
Analogue surface-mounted light sensor
Item no.: 9070416

Analogue flush-mounted light sensor
Item no.: 9070011

Wall mounting kit 35 mm
Item no.: 9070064

Front panel kit
Item no.: 9070001

Subject to technical changes and misprints

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