

# ELPA 1

Item no.: 0010002

## Time and light control Staircase time switches

### Description

- Staircase time switch, electrical
- Zero-cross switching for relay-saving switching and high lamp loads
- Multi-functional device with 10 available functions, set at the front of the device
- Additional multi-voltage input electrically isolated for AC/DC 8...240 V, e.g. für intercoms
- Switch-off pre-warning (two double flashes) in accordance with DIN 18015-2 to avoid sudden darkness
- Extended function activated via long button press
- Immediate secondary switching (stair light switch) or prematurely switched off (pulse switch with switch-off delay)
- Permanent switch
- Electronic pulse light
- Terminal layout same as ELPA 8
- Extremely accurate
- Push button input with electronic overload protection
- Automatic 3 or 4 conductor detection (4 conductor with connection for floor lighting, 3 conductor no longer permitted for new systems)



### Technical data

ELPA 1	
Operating voltage	230 V AC
Frequency	50 - 60 Hz
Width	1 modules
Installation type	DIN rail
Stand-by consumption	~0.3 W
Capacity loss max.	1 W
Glow lamp load	100 mA
Setting range time	0.5 - 20 min
Type of connection	Screw terminals
3/4-way conductors	Automatic
Secondary switching	At once
Duty cycle in per cent	100
Type of contact	NO contact
Opening width	< 3 mm ( $\mu$ )
Switching output	Not potential-free (230 V)
Incandescent/halogen lamp load	2600 W
Fluorescent lamp load (conventional) lead-lag circuit	2600 VA

ELPA 1	
Fluorescent lamp load (conventional) parallel-corrected	1300 VA 130 $\mu$ F
LED lamp < 2 W	55 W
LED lamp 2-8 W	600 W
LED lamp > 8 W	600 W
Fluorescent lamp load (electronic ballast)	1100 W
Fluorescent lamp load (conventional) series-corrected	2600 VA
Fluorescent lamp load (conventional) not corrected	2600 VA
Switching capacity	16 AX at 230 V AC, $\cos \varphi = 0.3$ , 16 A at 230 V AC, $\cos \varphi = 1$
Inrush current	max. 800 A / 200 $\mu$ s
Switch for permanent light	✓
Switch-off pre-warning	✓
Multi-voltage input	✓
Zero-cross switching	✓
Test approval	VDE

Subject to technical changes and misprints

additional information at: [www.theben.de/product/0010002](http://www.theben.de/product/0010002)

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

20/01/2026

Page 1 of 3

# ELPA 1

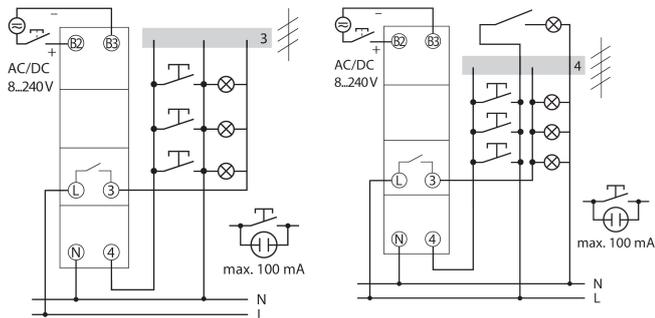
Item no.: 0010002



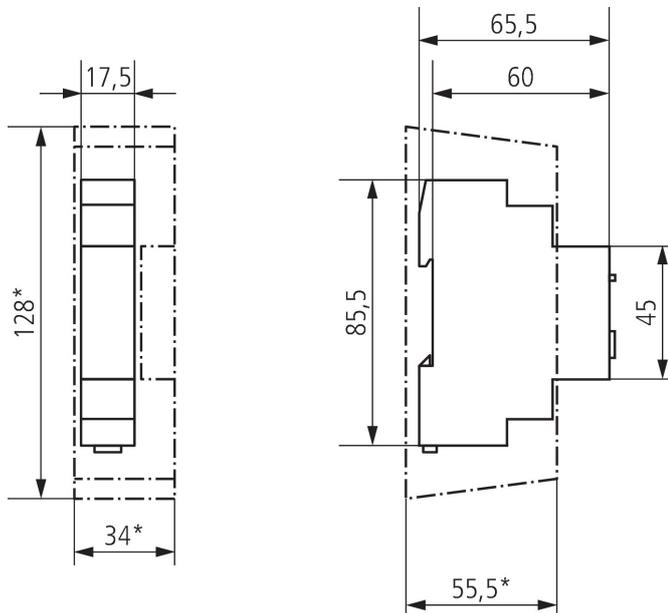
## Technical data

ELPA 1		ELPA 1	
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic	Protection class	II
Ambient temperature	-25°C ... 50°C	Type of protection	IP 20

## Connection example



## Scale drawings



Subject to technical changes and misprints

additional information at: [www.theben.de/product/0010002](http://www.theben.de/product/0010002)

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

# ELPA 1

Item no.: 0010002

**theben**

## Accessories

---

### Wall mounting kit 17,5 mm

Item no.: 9070065



### Front panel kit

Item no.: 9070001



Subject to technical changes and misprints

additional information at: [www.theben.de/product/0010002](http://www.theben.de/product/0010002)

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