

**Time and light control**  
**Staircase time switches**

**Description**

- Staircase time switch, electro-mechanical
- 4 conductor with floor lighting connection
- 3 conductor without floor lighting (no longer permitted for new systems)
- Retriggerable
- No closed-circuit current consumption
- Toggle switch for permanent light ON
- Reliable due to synchronous motor drive
- Simplest possible time setting and direct delay time readout on absolute scale
- Precision mechanics and therefore exact switching period
- Very low sensitivity to interference



**Technical data**

	ELPA 87
Operating voltage	230 V AC
Frequency	50 Hz
Width	1 modules
Installation type	DIN rail
Stand-by consumption	~0 W
Capacity loss max.	0.7 W
Glow lamp load	50 mA
Setting range time	1 – 7 min
Type of connection	3-/4-conductors
3/4-way conductors	Yes
Secondary switching	After 30 s

	ELPA 87
Type of contact	NO contact
Opening width	> 3 mm
Switching output	Not potential-free (230 V)
Incandescent/halogen lamp load	2300 W
Fluorescent lamp load (conventional) lead-lag circuit	2300 VA
Fluorescent lamp load (conventional) parallel-corrected	1300 VA 70 µF
Energy saving lamps	150 W
LED lamp < 2 W	30 W
LED lamp 2-8 W	300 W

Subject to technical changes and misprints

additional information at: [www.theben.de/product/0870002](http://www.theben.de/product/0870002)

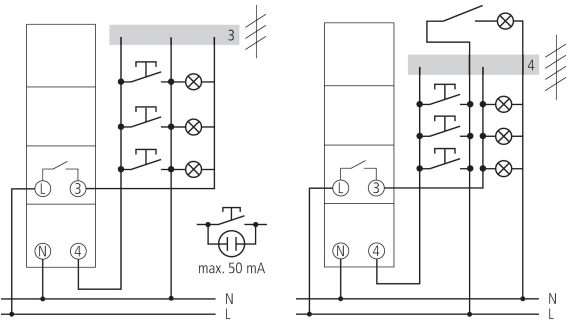
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

Technical data

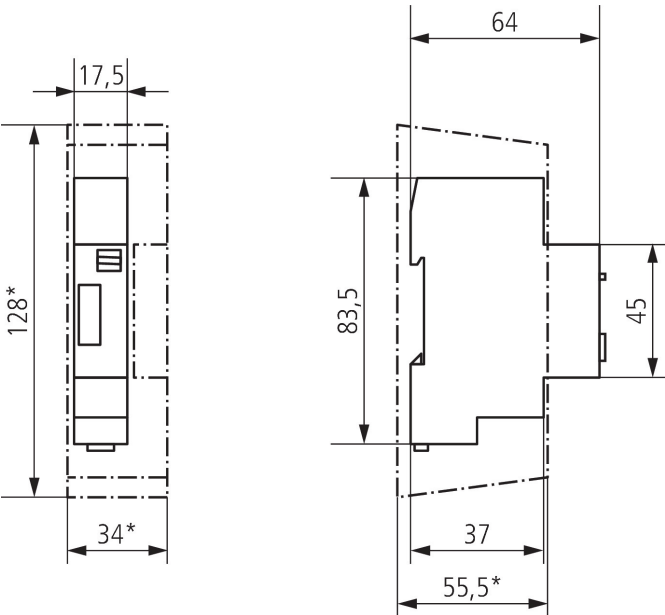
ELPA 87	
LED lamp > 8 W	300 W
Fluorescent lamp load (electronic ballast)	600 W
Fluorescent lamp load (conventional) series-corrected	2300 VA
Switching capacity	6 AX at 230 V AC, $\cos \varphi = 0.3$ , 16 A at 230 V AC, $\cos \varphi = 1$

ELPA 87	
Switch for permanent light	Toggle switch
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic
Ambient temperature	-10°C ... 50°C
Protection class	II
Type of protection	IP 20

Connection example



Scale drawings



# ELPA 87

Item no.: 0870002



## Accessories

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**Wall mounting kit 17,5 mm**  
Item no.: 9070065



**Front panel kit**  
Item no.: 9070001

