

ELPA 6 plus

Staircase light time switch for LEDs



No welded contacts, a reliable visible switch-off warning and many more features make the ELPA 6 plus the ideal staircase light time switch for LEDs.

ELPA 6 plus
0060003



Optimised for LEDs

LED fittings behave very differently in part. It's good to have a safe and reliable solution to react to this correctly. Such as the ELPA 6 plus from Theben.



Gentle zero-cross switching

The zero-cross switching calculates the zero crossing of the sine curve of the alternating voltage: at that moment, the inrush current is at its minimum during switching. This protects the relay contact and extends its service life.



Caution step!

The flashing of the switch-off warning from the electronic ballast of the LEDs is often buffered and is not reliably visible. We have optimised this using two single flashes. This means that you are not left standing in the dark unexpectedly and have enough time to switch the light on.



For all eventualities: multi-functional

With the ELPA 6 plus and its 10 selectable functions, you are ideally equipped for nearly all eventualities and applications: the switch-off warning, continuous light and impulse switch all demonstrate how multi-talented the ELPA 6 plus truly is.



Reliable: install and forget

Due to the high testing requirements in our in-company laboratory with, for example, 40,000 switching cycles, we are above the standard in parts. This demand for quality is also confirmed by an external VDE test. The brand on the outside is what is being installed!



Quality "Made in Germany"

The ELPA 6 plus is fully developed and produced in Haigerloch. During the manufacturing process itself, the 100% final inspection ensures that each of our products leaves our company in flawless condition. Quality is something we do not take for granted.



Cadmium-free contacts

We use environmentally friendly AgSnO_2 materials for our switching contacts. These offer very good contact and switching properties, such as higher burn-off resistance, increased welding resistance and a significantly reduced tendency for material migration during direct current operation.

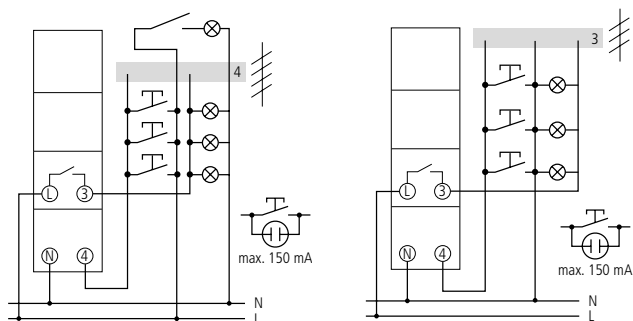
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Function description

- ! **Zero-cross switching for optimum control of the LEDs**
- ! **Switch-off warning optimised for LED lamps (two single flashes)**
- ! **Extended flashing pulse, reliably signals the switch-off warning with LED lamps**
 - Extended function activated via long button press
 - Immediate secondary switching (staircase light switch) or prematurely switched off (impulse switch with release delay)
 - Multi-functional device with 10 selectable functions, set on the front of the device
 - Impulse switch and continuous light
 - High degree of time accuracy
 - Push button input with electronic overload protection
 - Automatic 3 or 4-way conductor detection

Wiring diagram



4-conductor
with connection for floor lighting

3-conductor
(no longer allowed for new systems!)

Technical data

Operating voltage	220–240 V AC
Frequency	50–60 Hz

Lamp loads

- LED lamp < 2 W	55 W
- LED lamp > 2 W	600 W
- Fluorescent lamp load (EB)	1000 W
- Incandescent and halogen lamp load	3600 W
- Compact fluorescent lamps	250 W

Width	1 TE
Standby output	~0.9 W
Neon lamp load 150mA	
Setting range time	0.5–20 mins
Connection type	3/4-conductor
3/4-conductor	Automatic
Secondary switching	Immediate
Type of contact	NO contact
Switch output	Not floating (230 V)
Switching capacity	16 AX (at 230 V AC, $\cos \varphi = 0.3$) 16 A (at 230 V AC, $\cos \varphi = 1$)
Test approvals	VDE
Ambient temperature	-25 °C to +50 °C
Protection class	II
Protection rating	IP 20

Optimised for LEDs
Staircase light time
switch from Theben

You can find additional products and versions at
www.theben.de/en/elpa

Item number

ELPA 6 plus	Staircase light time switch Optimised for LEDs	0060003	39.88
ELPA 6	Staircase light time switch Ideal for retrofitting for conventional lamps	0060002**	39.88
ELPA 8	Staircase light time switch 0 watt standby consumption	0080002**	37.50