

theben

ELPA 540 APP BN

Staircase light timer

With minimal effort



The decentralized
solution for
limited space!



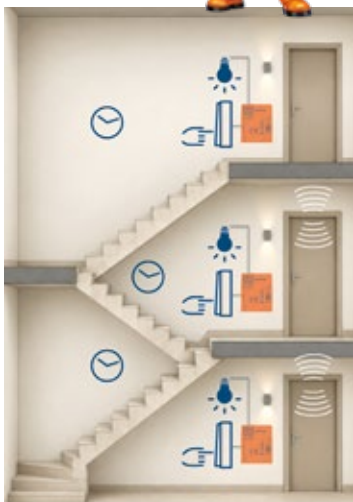
Building Automation since 1921

Applications for retrofitting or new construction



The ELPA 540 APP BN is not only suitable for new construction. It also excels in retrofitting light control **wherever light is not needed for long periods and should switch off automatically**, e.g., in stairwells, basements, or hallways. With the Mini-ELPA, the existing installation can be used if a neutral wire is present. **By rewiring, a two-way connection can even be used in conjunction with the ELPA.**

And best of all: switches do not need to be replaced with push to make switches!



Retrofitting fan control behind any push button or switch in restrooms is easily possible with the ELPA. Especially for fans without integrated timers or automatic delay.

- Fan runs for the same lighting duration as the lighting
- The fan runs for the lighting duration and also for the set time delay
- The fan's set time delay runs out when the light is off



The challenges of light control in stairwells

Today, residents expect a convenient and energy-efficient light control in the stairwell. For electricians, this often means:

- limited space in existing installations
- significant time pressure on the job site
- extensive modifications
- additional wiring to the control panel



Compact flush-mounted solution ELPA 540 BN with minimal effort

The ELPA 540 APP BN mini staircase light timer brings modern staircase lighting and switching functions **directly into the flush-mounted box**. It is the compact flush-mount solution for any box with **minimal installation effort**.

- No additional cables
- No complex retrofitting required
- ELPAs communicate via a Bluetooth Mesh network; no central control via the control panel is required.
- Quick installation with maximum flexibility

Function overview



light control

Simple light control with timer function and switch-off pre-warning via any switch or push button.



Settings

The light can be switched on or off at any time; the switch-off pre-warning can be enabled or disabled.



Countdown timer

Switch-on time adjustable up to 24 hours via push button.



Configuration via app

The ELPA can be configured via the app in a tamper-proof manner. Communication via Bluetooth Mesh network.



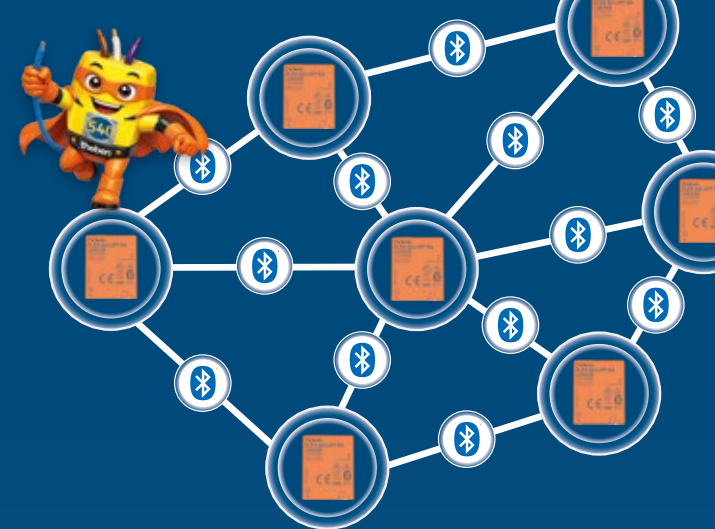
9 functions

Functions such as lighting duration, timer, and pre-shutdown warning can be activated via push buttons and switches.



Silent

No audible "clicking" when switching.



Any number of ELPA 540 APP BN units can be integrated into the Bluetooth Mesh network. The configuration of the connected devices is transmitted to all ELPAs via the mesh network.

- No central control via the control cabinet required
- Scalable and stable

Safety note: If an ELPA 540 APP BN is integrated into the mesh network, no other devices from the 540 series may be integrated into the network! The lighting settings in the stairwell are thus tamper-proof.

Configuration

Using the app, you can, for example, set or disable the switch-off pre-warning or the time delay. The configuration is transmitted to all ELPA 540 APP BN units integrated into the Bluetooth Mesh network.

The app is used only for configuration and not for operation by residents. If only one ELPA is installed, the app is not strictly necessary. The device then operates using the factory settings.

Available on the
App Store

GET IT ON
Google play





ELPA 540 APP BN

Item no.	5400008
Operating voltage	230 V AC
Frequency	50 - 60 Hz
Dimensions	32,7 x 26,6 x 9,6 mm
Type of installation	Flush-mounted
Function type	Electronic with multifunction
LED lamp	150 W
Halogen / Incandescent lamp	250 W
Cos ϕ 0.6 230 V AC	60 W
Setting range Time	0.5 - 60 min
Programming via app	✓
3/4-way conductor	4-way conductor only
Switch-off pre-warning	✓
Max. cable length	100 m
Ambient temperature	-10°C ... 45°C
Protection class	II according to EN 60 669-1

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Mon–Thu 7:30 a.m. – 12:30 p.m.
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Fri 7:30 a.m. – 12:30 p.m.
1:00 p.m. – 3:00 p.m.



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