

theben ELPA 8

Theben ELPA 8 Stair Light Timer Switch

Model: ELPA 8 | Brand: Theben

1. INTRODUCTION

The Theben ELPA 8 is an electromechanical stair light timer switch designed for automatic control of lighting in staircases and other common areas. It features a durable synchronous motor drive for reliable operation and a 0 W standby consumption for energy efficiency. The device is designed for DIN rail mounting and includes a rotary wheel for time setting and a toggle switch for continuous light functionality.

2. SAFETY INSTRUCTIONS

WARNING: Electrical shock hazard. Installation and maintenance must be performed by a qualified electrician in accordance with all local and national electrical codes and regulations.

- Always disconnect power at the main circuit breaker before installing or servicing the device.
- Ensure proper grounding and wiring connections as indicated in the wiring diagram.
- Do not exceed the specified electrical load limits for the switch.
- Do not operate the device if it appears damaged.
- Keep the device away from moisture and extreme temperatures.

3. PRODUCT OVERVIEW

The Theben ELPA 8 is a compact, electromechanical timer switch for controlling lighting circuits. Its design allows for easy integration into standard electrical distribution boards.

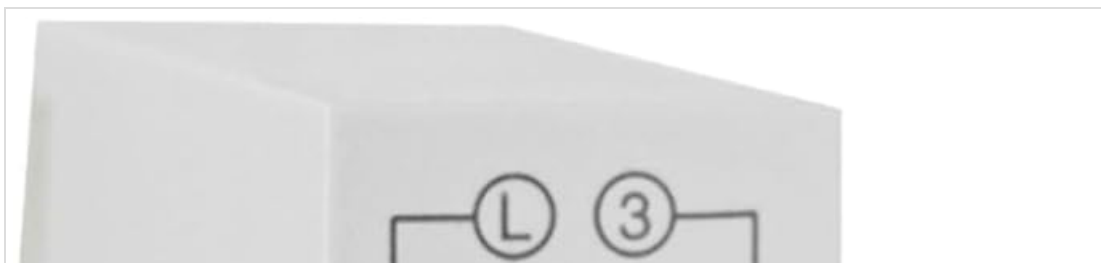




Figure 1: Front view of the ELPA 8 switch, showing the wiring terminals, time setting dial, and continuous light toggle.

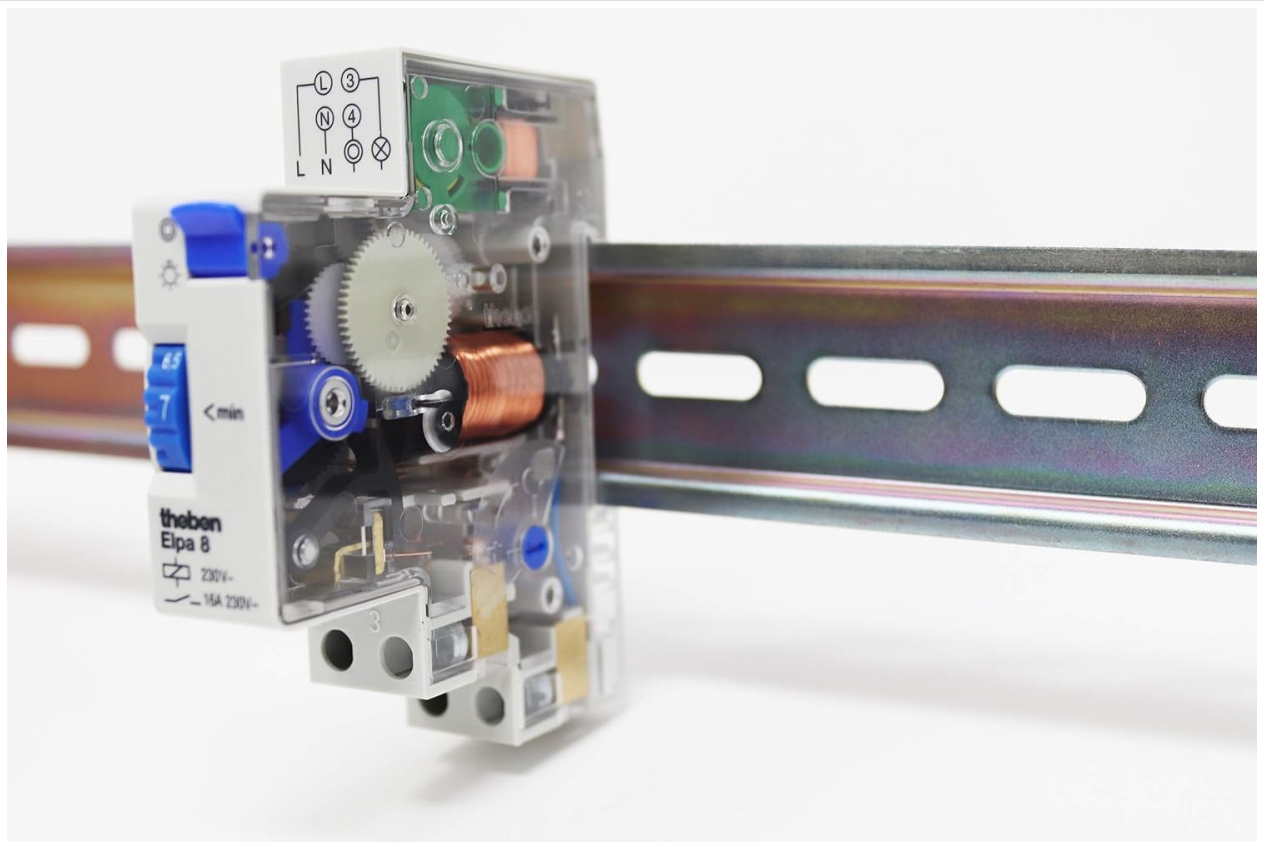


Figure 2: Internal view of the ELPA 8, highlighting its electromechanical mechanism.

4. INCLUDED COMPONENTS

The product package contains:

- One (1) Theben ELPA 8 Stair Light Timer Switch (Item Number 0080002)



Figure 3: The ELPA 8 switch alongside its packaging.

5. SETUP AND INSTALLATION

5.1 Mounting

The ELPA 8 is designed for quick and easy installation on a standard DIN rail within an electrical distribution board. Ensure the DIN rail is securely mounted and accessible for wiring.



Figure 4: The ELPA 8 switch correctly mounted on a DIN rail.

5.2 Wiring

Installation must be performed by a qualified electrician in accordance with local wiring regulations. The device supports a 4-wire connection. Refer to the wiring diagram printed on the device (Figure 1) for correct connections.

- **L:** Live input
- **N:** Neutral input
- **3:** Push-button input (for triggering the timer)
- **4:** Switched output (to the lighting circuit)

Ensure all connections are tight and secure to prevent loose contacts and potential hazards.

6. OPERATING INSTRUCTIONS

6.1 Time Setting

The desired lighting duration can be set using the blue rotary wheel on the front of the device. Rotate the wheel to align the desired time (in minutes) with the indicator mark. The scale provides an absolute time setting, typically ranging from 0.5 to 7 minutes.



Figure 5: Close-up of the time setting dial and toggle switch.

6.2 Continuous Light Function

The ELPA 8 features a practical toggle switch located above the time setting dial. In the 'light bulb' position, the timer function is active, and the light will switch off after the set duration. Moving the toggle to the 'sun' position activates continuous light, bypassing the timer. The light will remain on until the toggle is returned to the 'light bulb' position to re-enable timer operation.

7. MAINTENANCE

The Theben ELPA 8 is designed for maintenance-free operation. To ensure longevity and proper function:

- Ensure the device is kept clean and free from dust.
- Do not attempt to open or repair the unit yourself, as this may void the warranty and pose a safety risk.
- For any issues requiring internal inspection or repair, consult a qualified electrician.

8. TROUBLESHOOTING

If the stair light timer switch is not functioning as expected, consider the following:

- **No Light:** Check the power supply to the device and ensure all wiring connections are secure and correct according to the diagram (Figure 1). Verify that the light bulb(s) in the circuit are functional.
- **Light Stays On Continuously:** Check the position of the continuous light toggle switch. Ensure it is set to the timer function (light bulb icon) and not the continuous light function (sun icon).
- **Incorrect Timing:** Re-adjust the rotary wheel to the desired time setting. Ensure the wheel is not obstructed.
- **Device Not Responding to Push-button:** Ensure the push-button input (terminal 3) is correctly wired

and the push-button itself is functional. Test the push-button for continuity if possible.

If problems persist after checking these points, contact a qualified electrician for further assistance.

9. SPECIFICATIONS

9.1 General Specifications

Feature	Specification
Model	ELPA 8
Item Number	0080002
Supply Voltage	230 V AC
Switching Capacity	16 A, 230 V AC
Standby Consumption	0 W
Time Setting Range	Adjustable via rotary wheel (e.g., 0.5 to 7 minutes)
Mounting Type	DIN Rail
Material	Plastic, Metal
Color	White
Item Weight	0.08 Kilograms
Batteries Required	No
Intended Use	Commercial and personal use

9.2 Lamp Load Capacities

The maximum load capacity varies depending on the type of lamp connected. Adhere to the following guidelines:

Lampenlasten ELPA 8

- LED-Lampe < 2 W	30 W
- LED-Lampe > 2 W	300 W
- Leuchtstofflampenlast (EVG)	600 W
- Glüh- / Halogenlampenlast	2300 W
- Kompaktleuchtstofflampen	150 W

Figure 6: Lamp load capacities for the ELPA 8 switch.


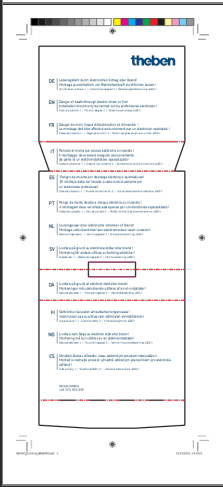
Lamp Type	Maximum Load
LED Lamp < 2 W	30 W
LED Lamp > 2 W	300 W
Fluorescent Lamps (EVG)	600 W
Incandescent / Halogen Lamps	2300 W
Compact Fluorescent Lamps	150 W





10. WARRANTY AND SUPPORT

The Theben ELPA 8 Stair Light Timer Switch comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Theben website. For technical assistance, service, or professional installation, please consult a qualified electrician or contact Theben customer support directly.

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Related Documents - ELPA 8

	<p>Theben ELPA 8 Stairwell Time Switch Technical Specifications and Functionality</p> <p>Detailed information on the Theben ELPA 8 electromechanical stairwell time switch, including its function description, technical specifications, load capacities, and accessories. Ideal for energy-saving lighting control.</p>
	<p>Theben ELPA 8 Staircase Time Switch - Technical Specifications and Installation Guide</p> <p>Detailed technical specifications, safety information, and installation guidelines for the Theben ELPA 8 staircase time switch. Includes multilingual warnings and product details.</p>

	<p>Theben SELEKTA 170 top2 Programmable Astronomical Timer - User Manual</p> <p>Comprehensive user manual for the Theben SELEKTA 170 top2 programmable astronomical timer (Model 1700100). Covers installation, setup, programming, technical specifications, and contact information.</p>
	<p>Theben OKTO S12-230 Step Relay: Technical Specifications and Functionality</p> <p>Detailed information on the Theben OKTO S12-230 step relay, including its technical specifications, operating principles, and wiring diagrams. Suitable for controlling lighting in common areas.</p>
	<p>Theben SELEKTA 174 top3 Digital Time Switch - Features, Specifications, and Accessories</p> <p>Detailed information on the Theben SELEKTA 174 top3 digital time switch, including its features, technical specifications, functional descriptions, and available accessories. This device offers advanced time and light control capabilities.</p>
	<p>Theben SYN 269 h Analog Timer Switch - Technical Specifications and Features</p> <p>Detailed technical specifications, features, and dimensions for the Theben SYN 269 h analog timer switch. This device offers daily or weekly programming for time and light control, with a 1-channel output and various operational modes.</p>