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Eltako 30100532

Eltako FL62-230V Wireless Light Actuator User Manual

Model: 30100532

1. Introduction

This manual provides essential information for the safe and efficient use of your Eltako FL62-230V Wireless Light Actuator. Please read this manual thoroughly before installation and operation, and keep it for future reference. The Eltako FL62-230V is a compact, built-in wireless light actuator designed to control lighting loads via wireless signals from Eltako EnOcean-compatible transmitters. It features an impulse switch with a potential-free contact, offering versatile control options for various lamp types.

2. Safety Instructions

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

- Always disconnect power at the main circuit breaker before installing, servicing, or removing the device.
- Do not connect the device to a circuit that exceeds its specified voltage and current ratings.
- Ensure all connections are secure and properly insulated.
- Do not expose the device to moisture, extreme temperatures, or corrosive environments.
- Glow lamp current is not permitted for local control.
- This device is designed for built-in mounting. Ensure adequate ventilation and space.

3. Product Overview

The Eltako FL62-230V is a compact module with clearly labeled terminals and indicators.



Figure 3.1: Front view of the Eltako FL62-230V Wireless Light Actuator, showing connection terminals, product model, voltage rating, and QR code for additional information. The device is blue with white markings.



Figure 3.2: Angled view of the Eltako FL62-230V, providing a clearer perspective of its compact size and terminal block. The EnOcean logo and CE mark are visible.

Key Components:

- **Terminals (1, 2, N, L, PE):** Plug-in terminals for electrical connections.
- **Model Designation:** FL62-230V.
- **Rating:** 10A/250V~.
- **QR Code:** Provides access to product information on the Eltako website. For more details, visit www.eltako.com.
- **EnOcean Logo:** Indicates compatibility with the EnOcean wireless standard.
- **CE Mark:** Signifies compliance with European safety, health, and environmental protection directives.

4. Installation

The Eltako FL62-230V is designed for built-in mounting. Its compact dimensions (approximately 49x51mm, 20mm deep) allow for installation in standard flush-mounted boxes or similar enclosures.

4.1 Wiring

Ensure power is disconnected before proceeding with wiring.

- The connection terminals are plug-in terminals suitable for conductor cross-sections from 0.2mm² to 2.5mm².
- Connect the supply voltage (230V AC) to the 'N' (Neutral) and 'L' (Live) terminals.
- Connect the load (e.g., lamp) to terminals '1' and '2'. This is a potential-free normally open contact.
- The device can also be controlled locally by a conventional 230V control pushbutton connected to the appropriate control input (refer to detailed wiring diagrams from Eltako for specific connections).
- The distance between control terminals and contact is 6mm.
- After installation, allow for a short automatic synchronization period before connecting the switched load to the mains.

Refer to the official Eltako wiring diagrams for detailed connection instructions specific to your application.

5. Setup

The FL62-230V uses a

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