GB CE

30 062 001 - **2**

Eltako

Impulse switch with integrated relay function IP ESR62NP-IP/110-240V

Works with Apple Home

built for matter

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

Eltako Connect App download:

https://eltako.com/redirect/eltako-connect

Impulse switch with integrated relay function IP with 1 NO contact not potential free 16 A/250 V AC, 230 V LED lamps up to 600 W, 230 V incandescent lamps and halogen lamps 2000 W. Only 0.7 watt standby loss.

For installation. 49 x 51 mm, 25 mm deep.

The terminals are plug-in terminals for conductor cross-sections of 0.2 mm² to 2.5 mm².

Zero passage switching to protect contacts and lamps.

Supply, switching and control voltage locally 110-240 V.

In case of a power failure the system is disconnected in a preset sequence.

State-of-the-art hybrid technology combines advantages of nonwearing electronic control with high capacity of special relays.

With control input for a mains voltage control button that may be installed in front of it.

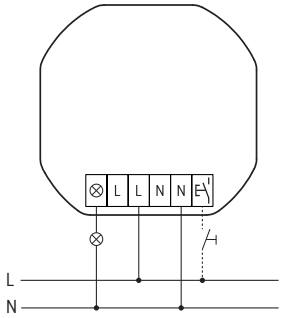
Glow lamp current is not permitted.

This actuator is Apple-certified and can therefore be taught in Apple Home.

Various operating modes can be set for the local control terminal using the Eltako Connect app:

- Impulse switch (factory setting)
- Relay function normally open (ER)
- Relay function normally closed (ER inverse)
- Toggle switch

Typical connection



Add device to Apple Home:

- Only 2.4 GHz Wi-Fi frequency bands are supported.
- Recommended: Commissioning close to the main router.

1. Apply mains voltage and wait for the signal tone.
2. Wait 15 seconds until all modules have started.
3. Open the Apple Home app.
4. In the upper right corner press the '+' symbol and select 'Add device'.
5. Scan the Apple Home QR code. It can be found on the back of the device and on the QR code card in the packaging.
6. The Apple Home app will guide you through the remaining steps.

Important!
After a successful connection, an update is automatically searched for, installed and the device restarts.

Factory reset:

3 short and 3 long beeps will beep to confirm the reset:

Option 1:
Via the Eltako Connect app.

Option 2:

1. Apply supply voltage (time window of 5 minutes begins)
2. Connected switch/button: press **8x briefly (<1 sec.) and 1x long (>1.5 sec. and <5 sec.).** A signal tone sounds for the last two short closing actions.
   The reset confirmation beeps are delayed by 15 seconds with this option.
   ! Outside of the time window, the device is simply restarted !

Option 3:

1. The device is disconnected from the supply voltage.
2. Apply supply voltage, wait for the **signal tone** and disconnect the supply voltage within **5 seconds.**
3. Repeat **step 2** a total of **5 times.**
4. The **sixth time** the supply voltage is **switched on,** the successful factory reset is confirmed by **3 short and 3 long beeps.**

Over-the-Air (OTA) Firmware Updates:

- If the device is connected to the Internet, it will immediately search for possible updates. Updates are then requested cyclically every 12 hours.
- Data transfer between the Eltako update server and the device meets the highest security standards.
- Before an update is installed, it is checked whether it is correctly encrypted, validated and undamaged.
- Updates are downloaded and installed, but only activated when no important process is running and no load is switched. The restart required for this takes a few seconds and goes unnoticed.
- If an update fails or leads to device instability, the system automatically switches back to the previous firmware version and waits for a new update.

Offline firmware updates:

The device supports offline firmware updates via REST API. More information on this on the product website.

Technical data

Rated switching capacity	16 A/250 V AC
230 V LED lamps	up to 600 W [2], I on ≤ 78 A/5 ms
Incandescent lamp load and halogen lamp load [1] 230 V	2000 W
Fluorescent lamp load with KVG* in lead-lag circuit or non compensated	1000 VA
Fluorescent lamps with KVG* shunt-compensated or wih EVG*	500 VA
Max. parallel capacitance (approx. length) of local control lead:	30 nF (100 m)
Standby loss (active power)	0,7 W

* EVG = electronic ballast units; KVG = conventional ballast units

[1] For lamps with 150 W max.

[2] Due to different lamp electronics and depending on the manufacturer, the maximum number of lamps may be limited, especially if the wattage of the individual lamps is very low (e.g. with 2 W LEDs).

Manuals and documents in further languages

http://eltako.com/redirect/ESR62NP-IP*110-240V

To control this HomeKit-enabled accessory, the latest version of iOS or iPadOS is recommended.

Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Apple, Apple Home, and HomeKit are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

Wi Fi

Frequency	2.4 GHz
Transmit power	max. 100 mW

Hereby, Eltako GmbH declares that the radio equipment type ESR62NP-IP/110-240V is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity can be accessed via the QR code or the internet address under 'Documents'.

Must be kept for later use!

Eltako GmbH
D-70736 Fellbach
Technical Support English:
☎ +49 711 943 500 25
✉ technical-support@eltako.de
eltako.com

29/2023 Subject to change without notice.