

Wireless single-channel dimmer



CT-LCEF5041-AD
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Introduction

Wireless single-channel dimmers adopts thyristor dimmer technology. Lamp brightness adjusting control, can do the lights switch. Adopt the EnOcean wireless protocol, which is compatible with many different EnOcean products. With the sensor equipment such as wireless door window Sensor, magnetic or PIR Sensor, the light switch control is realized. With the wireless illumination sensor, the lighting brightness is adjusted automatically

Technical Information

- EnOcean single-channel dimming actuators x1

Electrical specifications

Communication features

- Input: 85-265 VAC, 50 Hz
- Output channel: 1
- Control mode: alternating current (ac)
- Dimming range: 128
- Implementation function: lights on/off, brightness control
- Largest ac output current: 10 A
- Maximum load power: 2000W resistance
- Number of switches: resistance load min 100,000 times

Wireless features

- Wireless protocol: EnOcean standard ISO/IEC 14543-3-1 x
- Spectrum: 868.3 MHz
- Modem way: FSK
- Wireless control distance: indoor about 20 meters, about 80 meters outside
- Antenna: whip antenna


Physical properties

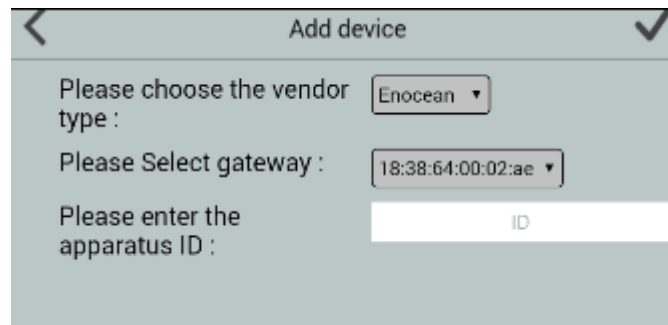
- Size: 72 mm x 38mm x 29 mm
- Buttons: two buttons
- Lights: two LED indicators
- Installation: cooperate with cassette side faces installation

Safe range

- Working temperature: -20°C~55°C
- Anti surge level: 170 A
- IP protection grade: IP20 (Optional IP43)
- Safety: EN55015, EN16547

Installation Instructions

- 1) Make sure the equipment is power on;
- 2) In APP Add device page, select "EnOcean", and the corresponding gateway, and enter the device ID, then click " ".



- 3) Press the setting button immediately, and when the LED lights show the green light flashing, the net inclusion is successful.

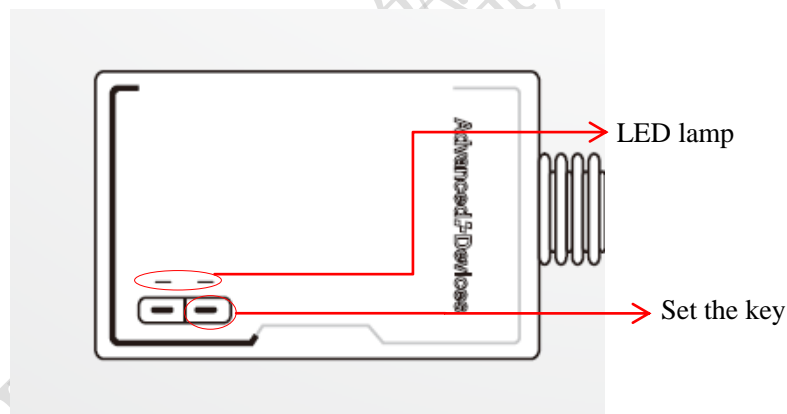


Fig 1

- 4) When the net inclusion is successful, please go to the device list interface, refresh the device list, and the device will display.

Operation

Make sure to cut off the power supply before installation (do not use charge operation), follow the following steps can complete installation easily.

1) Follow the following pictures to connect the N/L line.

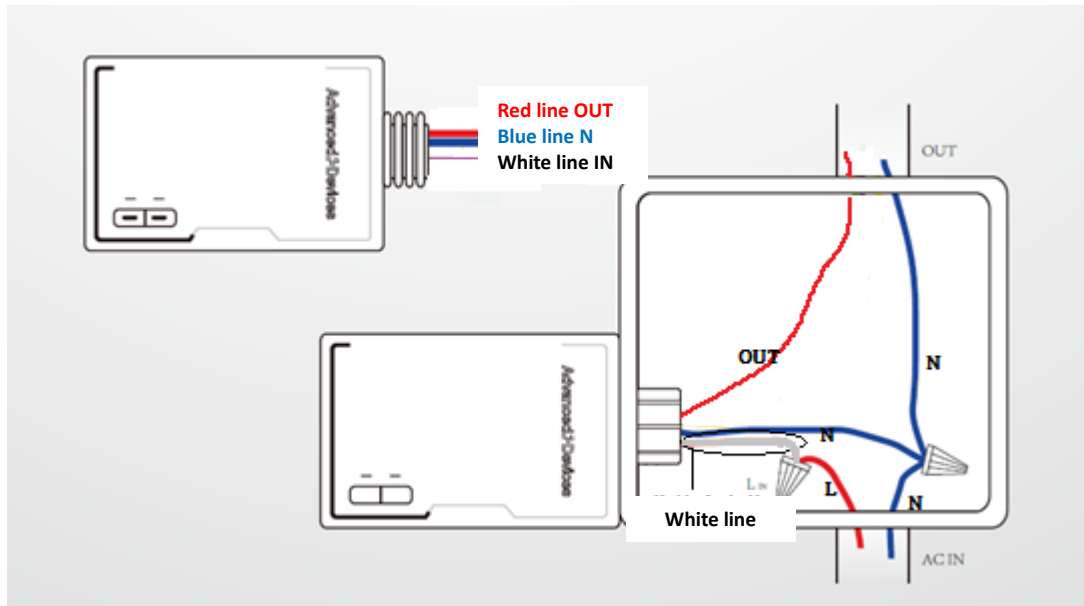


Fig1

- "L" terminal - connect 85-265 VAC Light
- "N" terminal - connect 85-265 VAC Neutral
- OUT Line connect the LAMP.

2) When the line is connected, then put the single-channel dimmer in a few touching places to avoid electric shock.

Safety Notice

- This device is a wireless communication product, please do not place the device to work in the metal container, in case the signal is blocked.
- The working temperature range is -10 to 50 °C
- Keep the device away from a strong sunlight, humidity, high temperature or mechanical shock.
- Keep the device away from acid-base and other corrosive solids, liquids, gases, to avoid damage.