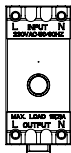


CB431 Smart Switch

Quick Start Guide

1 Introduction

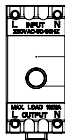


The Smart Switch CB431 is a device with wattage (W) and kilowatt hours measurement functions. It allows you to control special zone On/Off status as well as to check real-time energy usage wirelessly via your mobile App.

This guide will provide you with an overview of the product and help you get through the initial setup.

Note: Do not use the Smart Switch for more than its rated current.

2 Get to know your device



Reset button

- **Pair mode.** Press and hold the Reset button for about three seconds until the LED indicator flashes three times. Then, you can bind the Smart Switch with another device.
- **Reset.** Press and hold the Reset button for ten seconds until the LED indicator flashes three times to restore the Smart Switch to default factory settings.

LED indicator

The LED status gives the following information:

LED status	What it means
LED keeps flashing (0.5s ON, 2s OFF)	Device has not joined a network.
Flashes three times (0.1s ON/OFF)	End Device Pairing or Return to Factory Settings.
Blue LED	Device is ON.
Red LED	Device is OFF.

3 Get started

Warning!

- The Smart Switch must be installed and serviced only by a qualified electrical personnel.
- Do not touch the terminals of the device during testing.
- Turn off all the power supply for this equipment before installing.
- Make sure that the power supply is off before connecting or disconnecting it to an auxiliary device.
- Always use a properly rated voltage sensing device to confirm power is off.
- Replace all devices, doors and covers before applying power to the

equipment.

Failure to follow these instructions will result in death or serious injury.

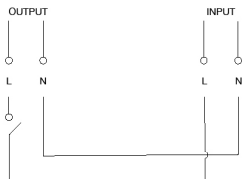
3.1 To get started, you will need:

A Gateway.

The mobile app.

3.2 Installation

The CB431 must be installed by a qualified electrical personnel, please keep the wiring diagram below for future reference.



3.3 Connect to the gateway's network

1. Set your gateway to permit joining.
2. The LED indicator of the Smart Switch will start flashing after installation indicating it is ready to join the gateway's network.
3. The Smart Switch will join the gateway automatically and the LED indicator will become steady when successfully joined.
4. Now you can find the Smart Switch under the Automation interface on the mobile phone. You can now remotely control the in-wall light switch from the mobile app as well as measure the power consumption of the electric circuit.

Note: If the Smart Switch fails to join the gateway's network within a minute, simply reset it and retry.

4 Technical Specifications

Wireless connectivity	• ZigBee 2.4GHz IEEE 802.15.4
ZigBee profile	• Home Automation Profile
Range outdoor/indoor	• 100m/30m
Input	• 85-230VAC 50/60Hz
Max. Load Current	• 230VAC 16Amps 4800W or 15A 3750W TUNGSTEN
Weight	• 102g
Calibrated Metering Accuracy	• Better than 2% x 2W~1500W
Dimensions	• 85 (L) x 40(W) x 61.5 (H) mm

5 Safety Notice

WARNING: Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the Smart Switch and other property. Read all the safety notices below before using the Smart Switch.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit .
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.