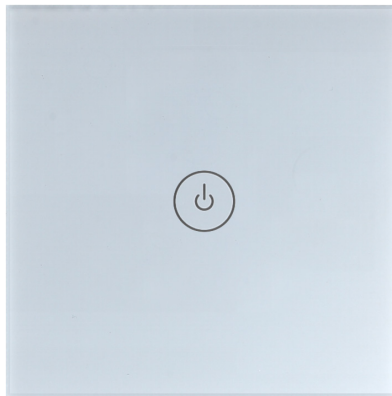


## Products

### – Energy Management

SES441

ZigBee Wall Switch - Double Pole/20A/E-Meter



## Description

The ZigBee Wall Switch SES441 is a device with wattage (W) and kilowatt hours (kWh) measurement functions. It allows you to control its On/Off status as well as to check real-time energy usage wirelessly via your mobile App. The relay is designed with double-break mode. The switch is suitable for power control of air conditioner and water heater.

## Main Features

- ZigBee HA 1.2 compliant
- Work with any standard ZHA ZigBee Hub
- Relay with double-break mode
- Control your home device via Mobile APP
- Measure the instantaneous and accumulative energy consumption of the connected devices
- Extend the range and strengthen ZigBee network communication
- Compatible with hot water, air conditioner's power supply

## Main Specifications

Wireless Connectivity	
ZigBee	• 2.4GHz IEEE 802.15.4
ZigBee Profile	• ZigBee HA1.2
RF Characteristics	• Operating frequency: 2.4GHz • Range outdoor/indoor: 100m / 30m
Physical Specifications	
Button	• Touch Screen
Relay	• Neutral and live wire double break
Operating Voltage	• 100~240 Vac 50/60 Hz
Power consumption	• < 1 W
Calibrated Metering Accuracy	• $\leq 100\text{W}$ ( Within $\pm 2\text{W}$ ) • $> 100\text{W}$ ( Within $\pm 2\%$ )
Max. Load Current	• 20 A
Operating environment	• Temperature: $-20\text{ }^{\circ}\text{C} \sim +55\text{ }^{\circ}\text{C}$ • Humidity: $\leq 90\%$ non-condensing
Flame Rating	• Vo
Dimension	• 86 (L) x 86(W) x 32(H) mm
Weight	• 132 g
Mounting Type	• In-wall mounting