

Climax ZigBee Light Switch Series

Living Smart with Easy Lighting Control

- Automatic and remote control of lights
- Two-way or three-way control
- AC-powered and battery-operated versions
- Grounding and non-grounding types
- European-style rocker switches and North American decorator switches
- Compatible with other manufacturers' ZigBee products

Climax's ZigBee Light Switch Series ushers in wireless lighting control that plays a key role in enhancing the convenience, comfort, safety and energy efficiency of smart homes and businesses. With the service of the light switches, permanently installed lights can be automatically turned on/off according to custom schedules or scenes. The user can also remotely control lights via a mobile device from anywhere.

This series provides two-way (one switch and one load) and three-way (two switches and one load) light switches. The two-way versions offer AC-powered and battery-operated options. Both grounding and non-grounding types are available. The light switches require in-wall installation with hardwired connections to their loads.

Adopting the ZigBee Pro HA 1.2 standard, Climax's light switches ensure compatibility with other manufacturers' ZigBee products and can be flexibly integrated into new or existing ZigBee home automation or security systems. The devices' two-way communications capability guarantees wireless signal reliability.

This series features European-style rocker switches and North American decorator switches with gloss white finishes to match modern wall plates. The light switches include LEDs that indicate switch locations in dark rooms to facilitate local control of lights.



European-Style Rocker Switch



North American Decorator Switch

ZigBee Light Switch Series

Features and Specifications

LS-1A/E-G-ZBS

AC-Powered and Grounding Light Switch Series



	LS-1A-G-ZBS (America)	LS-1E-G-ZBS (Europe)
Circuit	2-way circuit (one switch and one load)	2-way circuit (one switch and one load)
Electrical connections	Connects to neutral, load and line wires	Connects to neutral, load and line wires
Communications protocol	ZigBee Pro HA 1.2	ZigBee Pro HA 1.2
Frequency	2.4 GHz	2.4 GHz
Power	120V, 60Hz	240V, 60Hz
Maximum load	600W 5A/120V	1200W 5A/240V
Operating temperature	-10°C to +45°C	-10°C to +45°C
Operating humidity	Up to 85% non-condensing	Up to 85% non-condensing
Dimensions	120mm x 70mm x 50mm	84mm x 84mm x 47.35mm

LS-1A/E-B-ZBS

Battery-Operated and Non-Grounding Light Switch Series



	LS-1A-B-ZBS (America)	LS-1E-B-ZBS (Europe)
Circuit	2-way circuit (one switch and one load)	2-way circuit (one switch and one load)
Electrical connections	Connects to load and line wires	Connects to load and line wires
Communications protocol	ZigBee Pro HA 1.2	ZigBee Pro HA 1.2
Frequency	2.4 GHz	2.4 GHz
Backup Battery	3.6V 200mAh Rechargeable Battery x 1	3.6V 200 mAh Rechargeable Battery x 1
Battery Backup Time	7 days	7 days
Power	120V, 60Hz	240V, 60Hz
Maximum load	600W 5A/120V	1200W 5A/240V
Operating temperature	-10°C to +45°C	-10°C to +45°C
Operating humidity	Up to 85% non-condensing	Up to 85% non-condensing
Dimensions	120mm x 70mm x 50mm	84mm x 84mm x 47.35mm

LS-1A/E-3W-ZBS

Three-Way Light Switch Series (One Main Switch and One Auxiliary Switch)



	LS-1A-3W-ZBS (America)	LS-1E-3W-ZBS (Europe)
Circuit	3-way circuit (two switches and one load)	3-way circuit (two switches and one load)
Electrical connections	Connects to neutral, traveler, load and line wires	Connects to neutral, traveler, load and line wires
Communications protocol	ZigBee Pro HA 1.2	ZigBee Pro HA 1.2
Frequency	2.4 GHz	2.4 GHz
Power	120V, 60Hz	240V, 60Hz
Maximum load	600W 5A/120V	1200W 5A/240V
Operating temperature	-10°C to +45°C	-10°C to +45°C
Operating humidity	Up to 85% non-condensing	Up to 85% non-condensing
Dimensions	120mm x 70mm x 50mm	84mm x 84mm x 47.35mm

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Ordering Information

North American Decorator Switches

LS-1A-G-ZBS	AC-powered and grounding light switch
LS-1A-B-ZBS	Battery-operated and non-grounding light switch
LS-1A-3W-ZBS	Three-way light switches consisting of a main switch and an auxiliary switch

European-Style Rocker Switches

LS-1E-G-ZBS	AC-powered and grounding light switch
LS-1E-B-ZBS	Battery-operated and non-grounding light switch
LS-1E-3W-ZBS	Three-way light switches consisting of a main switch and an auxiliary switch