LifeSmart®

Simply Brilliant

Polar Switch User Guide V1.0

Setting up your LifeSmart Polar Switch

Model. LS211 & LS221 series

PRODUCT INTRODUCTION

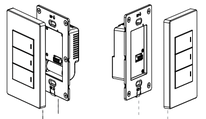
LifeSmart's LS211 series Polar Switch adopts extremely low power consumption technology, works independently without an external power. It supports single live line, null and live line and low direct current, and also can be used as passive switch. It eliminates the flicker when a traditional single live line switch is connected to a low power light bulb, providing an easy solution for installation and use.

The LS221 series Polar Switch supports live and neutral wire, replaces your ordinary switch with smart home technology to make your life easier. Both series of Polar Switch support two-way communication and mobile control. You can manage it through our app whenever and wherever. It can be paired with other smart devices such as Cube Motion Sensor and Cube Door/Window Sensor, to trigger Smart Scenes like light on when you come home and lights out when you leave the house.

IN YOUT PACKAGE

Polar Switch 1 User Guide 1 Screw 2

ILLUSTRATION



LS211series LS221series

① Switch ② Switch Panel

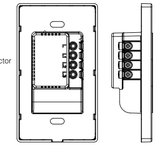
WIRING PLAN - LS211 series

L: Switch-in Live Wire Connector

L1: Switch-out Live Wire 1

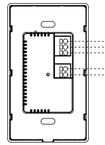
L2: Switch-out Live Wire 2

L3: Switch-out Live Wire 3



Notice: Polar Switch installation involves strong current operation, please contact electrician to operare.

WIRING PLAN - LS221 series





L1: Switch-out Live Wire 1

L2: Switch-out Live Wire 2

L3: Switch-out Live Wire 3

L: Switch-in Live Wire

N: Switch-in Neutral Wire

Notice

Polar Switch installation involves strong current operation, please contact electrician to operate.

The effective ports of output connector vary according to different smart control accessories, please refer to the actual product.

Must use 24-12 AWG (2.5mm²) wire, stripping length 9-10mm, ensure that no conductive parts of the wires are exposed from connectors.

SPECIFICATIONS

	LS211 series	LS221 series
Size	120*70*35mm	
Weight	103g (1 way) / 112g (2 way) / 123g (3 way)	121g (1 way) / 127g (2 way) / 133g (3 way)
Operating voltage	AC 90V-250V or DC 5V-30V	AC 100V-240V 50/60Hz
Operating temperature	-5~45°C	
Operating humidity	5~90%	
Communication protocol	CoSS	
Wireless distance	200m (open field)	
Battery type	CR123A	/
Standby duration	3 years	/
Power consumption	<1mW (static)	<0.6W
Maximum load	Resistive Load: 500W per channel Inductive/Capacitive Load: 200W per channel DC Load: 30V/5A	Resistive Load: 500W per channel Inductive/Capacitive Load: 200W per channel

INSTALLATION

① Cut off the power leading to Polar Switch and make sure that the wiring is not charged.

② Take out the switch, stretch to the edge of the panel, loose the clips and separate panel and the switch unit.

③ Install the wires firmly according to the diagram.

④ Neatly arrange the wires in the switch box, then place the switch correctly and screw on both sides firmly.

⑤ Only for LS211 series: Remove the insulating sheet from the battery (if any), place the battery into the battery box.

⑥ Close the switch panel and make sure the clips are in the right place on both sides, or it might cause bad contact.

⑦ Bring the power back on, operate the switch to test if it runs correctly.

SET UP

LifeSmart's Polar Switch needs to be paired with Smart Station to join the smart system.

① After configuration of the smart station, choose "**Add Device**" in LifeSmart App, select "**Polar Switch**", enter pairing mode.

② Follow the instruction on the app to finish pairing.

③ If a time-out error occurs, please repeat step 1-3 until it's successfully paired.

④ Polar Switch has features such as timer turn on/off and interaction with other smart devices. Please follow the instructions on the app to discover.

WARRANTY DESCRIPTION

Thank you for purchasing this LifeSmart product. In order to protect your rights, please read the following content carefully. The warranty period of our company's products is one year from the date of purchase or longer if local laws impose a longer minimum term, in which case the minimum term is the warranty period. During the warranty period, any faults caused by the product itself or for quality problems that arise under normal usage, LifeSmart will provide a free replacement.

User support e-mail address

support@ilifesmart.com

Website

iot.ilifesmart.com

ATTENTION

The following conditions are not covered by the warranty:

- Product failure or damage caused by installation, use, and maintenance that is not in accordance with the product instructions;
- Products beyond the warranty period;
- Products that have the barcode tampered with or removed;
- Devices that have been tampered with or customized outside of LifeSmart Terms Of Service as on the LifeSmart App and website;
- User-caused damage, such as inappropriate voltage input, high temperature, accidental spillage, physical damage, etc;
- Product failure or damage caused by force majeure such as earthquakes, fires, or floods;
- Product failure or damage caused by other problems except the product itself.

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DECLARATION

DECLARATION OF CONFORMITY

Hereby, LifeSmart declares that the radio equipment type is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

http://global.ilifesmart.com/ce/docs/

CE

Notice: This device may be used in each member state in EU.

WEEE Directive Compliance

Device labelled with this symbol should not be disposed with other household wastes. It shall be handed over to the applicable collection point for the recycling of waste electrical and electronic equipment.

Manufacturer: HANGZHOU LIFESMART TECHNOLOGY CO.,LTD.

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