K1 Series Wireless Kinetic Switch Product Specification

Modify Record

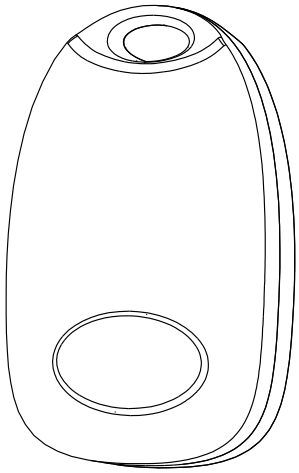
Serial no.	Version	Date	Modify Content
1	V1.0	2019-12-05	Initial Version

1 .Product Overview

1.1 Product Introduction

1.The K1 series switch is a rebound-type kinetic energy switch. It uses the patented micro-energy harvesting technology, does not require batteries, and is extremely compact in size. This series of switches are paired with wireless receiver controllers for switch control or dimming control.

1.2 Product Image



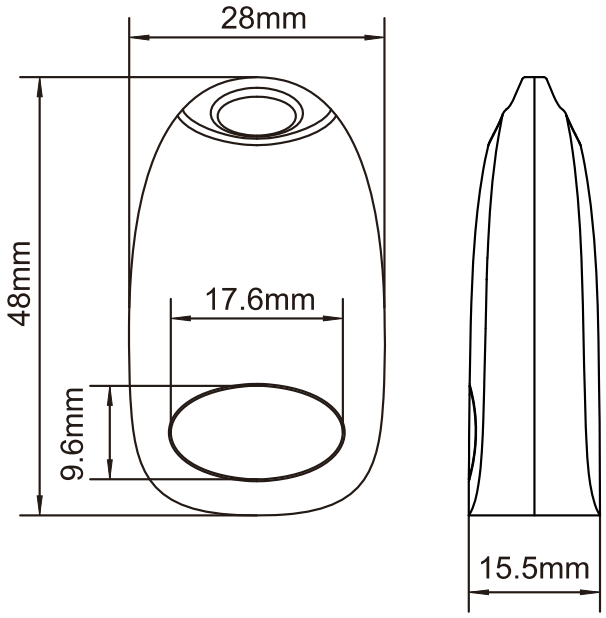
2 .Features

2-1. Pair with EBELONG Wireless Receiver Controller

The K1 switch can be paired with the wireless controller. The pairing method is to press and hold the "pairing button" on the controller for about 3 seconds, release the button when the indicator light flashes, and then press the corresponding button of the K1 switch once (do not continuously Press quickly), the indicator light is off, indicating that the pairing is successful, you can use this button to control the on and off of the wireless controller. (For the function introduction of the receiver, please refer to the corresponding manual of the wireless controller)

If the controller is a dimmable controller and the dimmable mode is turned on, you can long press the paired switch button to adjust the brightness of the light cyclically, and short press the button to turn the light on and off.

3 .Technical Parameters

Project	Parameters
Working Type	Push button
Power Supply	Self-powered
Modulation System	FSK
Communication protocol	Ebelong 1.1
Radio frequency	433MHz
Keys Quantity	1key
Operate range	up to 80m outdoors up to 25m indoors (May vary depending on conditions)
Life Time	>100,000 times
Dimension	L21mm*W51.6mm*H18.5mm
Working Temperature	-20~ +55°C
Certifications and standards	Europe EN 60669-1:2018 EN 60669-2-1:2004+A1:2009+A12:2010 ETSI EN 301489-1 V2.2.3(2019-11) ETSI EN 301489-1 V2.1.1(2019-03) EN 55032:2015 EN 55035:2017 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+2019 ETSI EN 300220-1 V3.1.1(2017-02) ETSI EN 300220-2 V3.2.1(2018-06)

4 .product dimensions