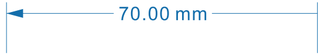
技术要求

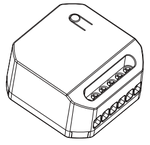
1.物料号：

2.产品名称：ERC2209-Z 中性英文说明书

3.材质125克铜版纸

4.尺寸：70*60mm





User Guide

ZigBee Dry Contact Controller

Product Description

The ZigBee Dry Contact Controller has 8 A capacity output and it works with traditional switches for dual or multiple control, allowing easy 2-way switching between traditional and kinetic switches.
It can be mounted in the ceiling, wall, electrical socket box, lamp panel. Using the Kinetic Switch APP it can be voice controlled with scene and timing control.

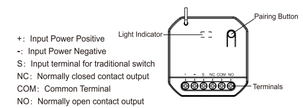
Specifications

Product Model: ERC2209-Z
Power Supply: AC 100V-240V 50/
Voltage range: DC 8-48V
Rated Current: 8A
Working environment temperature: -20°C～+55°C
Control distance: 80m outdoor, 25m indoor
Capacity: Up to 10 switches can be paired with one controller
Dimensions: L44*W44*H22mm
Frequency: ZigBee2.4G & RF 433MHz

Control method: Wi-Fi through Device APP
(search " Kinetic Switch" in store)
and pairing with Wireless
Switch (see instructions)

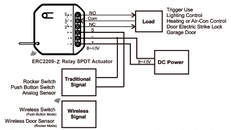
*Distance comes from laboratory test results. The actual distance in practical use might vary due to environmental difference.

Terminals:



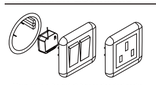
Installation

1. The mini wireless receiver/controller line input should be connected using DC 8-48V power supply.
2. Output lines should be connected to load using cable rating suitable for DC 8-48V depending on voltage at site.



Controller supports automatic detection of wired switch type (rocker or push switch) : After controller is powered on, press the wired switch once to set the wired switch type. To reset the wired switch type, power off the controller and then power on it again.

Installation Locations



Mounted into the switch box or electrical socket

Mounted into the ceiling or the lamp panel

Network Method

Search for "Kinetic switch" in the app store or scan the following QR code to install the Kinetic switch APP, and follow the app's prompts to register an account and then log in.

Device Pairing with the APP:

1. Add the Zigbee gateway to the APP account, please check the instructions of Zigbee gateway or add it according to the APP guidelines.

2. Turn on power to the controller and the red indicator light enters in fast flashing mode. If the light flashes differently or if you want to reset the controller press the pairing button for 10 seconds - the light will change from slow flashing to fast flashing to still, then release the button.

3. Enter the Zigbee gateway interface in the APP, click on "Add Quickly" at the bottom to automatically add the nearby controller to the APP.

Note: After the device is successfully added, the added device will be displayed on the APP home page, and you can enter the device interface to perform device-related operations, such as switching control, pairing, clearing pairing and scene settings.

Using Amazon Alexa/Google Home to control your Mini Controller

Note: We would recommend naming the devices in your Kinetic Switch App something that is easy for Alexa or Google Home to understand.
In order to integrate the Kinetic Switch app with Amazon Alexa/Google Home you need (see next page):

1) Amazon Alexa APP / Google Home APP
2) Amazon Alexa / Google Home account (users need to register their own account)
3) Echo, Echo Dot, Tap or other Amazon voice-operated devices.
4) Google Home, Google Home Mini or other Google voice-operated devices.

Enable Smart Life skill/action in your Alexa / Google Home APP

Search for "Smart Life" skill and add it to the Alexa APP "Smart Home" skills. For Google Home search for "Smart Life" action and add it to Home Control. Enable the skill/action in your Alexa / Google APP and input the name and password used to register the Kinetic switch APP to link it with Alexa/Google APP.
Voice control can be used now to control the Zigbee device such as: "Alexa/Ok Google, turn on/off [kitchen light]"

Controller Switch Pairing Method

A controller can be operated by a maximum of 10 separate switches, a switch can pair an unlimited number of controllers.

App Method
Enter the App page, click "Pairing" -> "Start Pairing". After the App page displays "waiting for pairing", press the corresponding button of the wireless switch that needs to be paired. This will complete the pairing. The App will prompt "Pairing succeeded" after the pairing is completed.

Traditional Hardwired Switch Method
After the receiver is powered on (within 2 minutes), press the hardwired switch for 5 times (within 2 seconds). The light will start flashing, indicating pairing mode. At this time, press the wireless kinetic switch once and the light will stop flashing. The pairing is now completed. If the receiver is powered on for more than 2 minutes it cannot enter the pairing mode through traditional switch.

Physical Wireless Switch Method
1. Press the function button for 3 seconds and the indicator light begins to flash slowly. Release the button to enter the single pairing state. (Fig.1)
2. Press the wireless kinetic energy switch and the indicator light of the controller will go out, which means that the pairing is successful. (Fig.2)

Press for 3 seconds to enter pairing mode

Fig.1

Press the wireless switch once

Fig.2

3. If you need to add more switches to the same controller please repeat the above process; each controller can store up to 10 switches, pairing in formation.
4. Single, dual and triple gang switches follow the same method.
5. The range of a switch may be extended by putting the controller in "Bridging Mode". In order to put the controller in bridging mode press the function button for 7 seconds until the red LED light changes from slow to fast flashing and release the button. The red LED will start flashing once every 2 seconds to indicate the successful bridging.
6. To disable the bridge mode, repeat the above steps.
7. If the controller indicator light continues to pulse the controller will still function normally even if used with a wireless switch.

Clear Pairing Information:

App Method
Enter the App page, click "Pairing" -> "Clear Pairing", and select the corresponding channel. After the clearing is completed, App will prompt "Clearing Successful".

Physical button Method
To remove the controller stored pairing information press function button for 12 seconds until the indicator light goes out - the pairing information will be cleared.

Press the button for 12 seconds and the light will flash fast, then still and then it goes out.

Precautions:

1. The wiring must be done in accordance with the method of installation illustrated.
2. Please note the maximum load of an individual controller. Exceeding this maximum will result in damaging the controller.
3. Do not short-circuit, it will cause permanent damage to the receiving controller.
4. The controller will remain "OFF" after a power cut, saving energy, reducing fire risk and protecting your appliances.
5. Damage caused by incorrect installation and operation are not covered under warranty.

Troubleshooting:

1. If pairing does not work first check if the indicator is lit. Re-pair in case the pair is lost after power failure.
2. If the receiver does not respond check the LED indicator. If this does not light check the power supply.

Certificate / Inspected