技术要求

1.物料号：SW1A7136EB010

2.产品名称：ERC2201中性中英文说明书

3.材质：125克铜版纸

4.尺寸：70*60mm

用户指南

单 路 无 线 开 关 控 制 器

产品描述

本控制器具有5A容量输出，可与传统开关配合使用，也可与无线功能开关配对使用，实现无线控制。产品可以安装在天花板、墙壁、电插座箱、灯面板上；用户应当加附智能得关后，可以通过 无线功能APP 进行控制，通过Alex 或 Google Assistant 进行语音控制。

产品参数

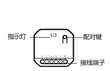
产品型号：ERC2201　　电压范围：100-240V~50/60Hz
工作环境温度：-20 ℃ -55℃
控制距离：室外80m，室内25m（实际距离来自实验室测试结果）
容量：最多10个无线开关可与控制器配对
控制方式：与无线功能开关配对使用

产品尺寸：L44*W44*H22mm
通信方式：RF 433MHz
控制负载：5A
输出功率：LED 500W

在实际使用中可能会因环境的不同而有所不同。最大负载额定值可能因制造商规格而异。

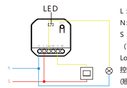
端子说明：

L: 输入火线　　N: 公共零线
S： 支持翘板式或复位式有线开关
（可自动检测有线开关类型）
Lout：输出火线，接灯具



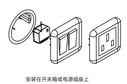
安装方法

1.控制器线路输入应使用电线从市电连接。
2.根据现场电压，输出线路应使用额定电压为100-240V的电线连接到负载。（见下图）



L：输入火线
N：公共零线
S：支持翘板式或复位式有线开关（可自动检测有线开关类型）连接到灯Lout：输出火线，接灯具
控制器支持有线开关类型自动检测（翘板开关或复位开关）

安装位置



安装在开关箱或电源插座上　　安装在天花板或灯盒上

控制器和开关配对方法：

一个控制器最多可以和10个开关配对，一个开关可以配对无限数量的控制器。

传统的有线开关方法

控制器上电2分钟内，快速按下灯具对应的有线开关5次（2秒内），负载灯具开始闪烁，即控制器进入配对模式，此时按下无线开关1次，负载灯具将止闪烁即说明完成配对。上电超过2分钟后，无法通过有线开关触发配对模式。

物理按键方法

1.按住控制器上的"功能键"约3秒，在看到指示灯闪烁后的时候松开按键。

① 按住约3秒，指示灯开始闪烁

2.按下无线功能开关，控制器的指示灯熄灭，表示配对成功。

② 按下功能开关一次

3.若需与多个功能开关配对，请重复以上过程，该控制器最多与10个功能开关配对，多键开关的每一个按键都相当于一个独立的开关。

4.可通过将控制器置于"桥接模式"来扩展开关的范围。
按下功能键7秒，直到红色 LED 指示灯从慢速变为快速闪烁。然后松开按钮。
红色 LED 每2秒闪烁一次，表示桥接成功。
5、要禁用"桥接模式"，请重复上述步骤。

清除开关配对

要删除控制器存储的配对信息，请按功能按钮12秒，直到指示灯熄灭，开关配对信息将被清除。

按下按钮12秒，指示灯从闪烁到常亮直至熄灭。

注意事项

1、接线必须按照图示的安装方法进行。
2、请注意单个控制器的最大负载。超过此最大值将导致控制器损坏。
3、不要短路，这样会对接收控制器造成永久性的损坏。
4、断电后，控制器将保持" OFF "状态，节约能源，降低火灾风险，保护您的电器.
5、不正确的安装和操作造成的损坏不在保修范围之内。

故障排除：

1、如果配对不起作用，首先检查指示灯是否点亮。重新配对，以防电源故障后配对丢失。
2、如果接收器没有响应，检查 LED 指示灯。如果不亮，请检查电源。

合格证/已检验

User Guide

Single Wireless On/Off Controller

Product Description

The Wireless On/Off Controller has 5A capacity output and it works with traditional switches for dual or multiple control, allowing easy 2-way switching between a traditional and a kinetic switch.
It can be mounted in the ceiling, wall, electrical socket box, lamp panel. With smart gateway, it can be controlled by Kinetic Switch APP and voice control by Alex or Google Assistant.

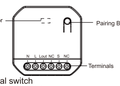
Specifications

Product Code:ERC2201
Voltage range: 100-240V~50/60Hz
Working environment temperature:-20 ° C-55 ° C
Control distance:80moutdoor,25m indoor
Capacity:Up to 10 switches can be paired with one controller
Control method:pairing with Wireless Switch
The actual distance , Distance comes from laboratory test results.

Product Size:L44*W44*H22mm
Communication Way:RF 433MHz
Control Load: 5A
Maximum Load:LED 500W

in practical use might vary due to environmental difference
**Maximum load rating may vary depending on manufacturers specifications

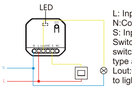
Terminals



N: Neutral Input terminals
L: Live Input terminals
Lout:Live Output terminal connected to light/load
S:Input terminal for traditional switch (supports both push and rocker switch)

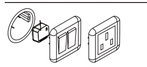
Installation

1. The mini wireless receiver/controller line input should be connected using live and neutral cable from mains.
2. Output lines should be connected to load using cable rating suitable for 100-240V depending on voltage at site.(see diagram below).



L: Input Live Cable
N:Common Neutral Cable
S: Input Terminal for Traditional Switch,compatible with rocker switch and push botton(detect switch type automatically)
Lout:Output Live Cable,connect to lights

Installation Locations



Mounted intothe switch box or electrical socket　　Mounted intothe ceiling or the lamp panel

Controller Switch Pairing Method:

a controller can be operated by a maximum of l0 separate switches, a switch can pair an unlimited number of controllers.

Traditional Hard wired Switch Method

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):

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 enterpairing mode　　Press the wireless switch once

Fig.1　　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.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.
5.To disable the bridge mode, repeat the above steps.

Clear Pairing Information:

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. Double-click the function button to switch the channel, and repeat the step above.

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