390MM

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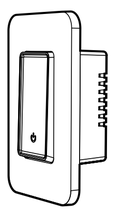
MoesGo
Smart life,Smart future

Powered by tuya

Instruction Manual
Smart Switch (Single Pole)

Wi-Fi



English

WORKS WITH alexa

WORKS WITH Google Assistant

WS-SY-US-L110-MS-DB22

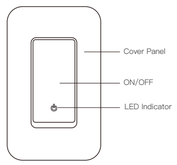
1

- Bitte scannen Sie den QR-Code, um das deutsche Handbuch, das Installationsvideo und die Funktion seinführung zu erhalten
- Escanee el código QR para obtener el manual en español, el video de instalación y la introducción de la función
- Veuillez scanner le code QR pour obtenir le manuel en français, la vidéo d'installation et l'introduction des fonctions
- Отсканируйте QR-код, чтобы получить руководство на русском языке, видео по установке и описание функций
- Scansionare il codice QR per ottenere il manuale in italiano, il video di installazione e la guida alle funzionalita. Video di installazione e funzionalita
- Leia o código QR para obter o manual em português, o vídeo de instalação e a introdução das funções
- Zeskanuj kod QR, aby uzyskać instrukcje, filmy instalacyjne i funkcje
- امسح الرمز الاستجابة السريعة(QR-code)للحصول على دليل المستخدم باللغة العربية وفيديو التثبيت ووصف للوظائف.

请扫描二维码获取中文的说明书、安装视频及功能介绍

1

01 Product Outline



02 Indicator Light Status

Light Color	Light Status	Switch Status	Remarks
Green	ON	Power ON(Default)	Support Self-definition on APP
	OFF	Power OFF(Default)	
	Blink Quickly (0.5s)	Ready for default configuration mode	
	Blink Slowly (1s)	Ready for AP (Access Point) configuration mode	

2

03 Specification

Input Power:	100-120V AC 60Hz
Control:	Relay
Communication:	WiFi 802.11 b/g/n 2.4GHz
Max Current:	8A
Standby Power:	<0.5W
Button Life:	50K times
Dimension:	105*45*42.5 mm
Frequency Band:	2.4GHz
Maximum Radio Transmit Power:	<+19dBm

Incandescent 7W ~ 800W

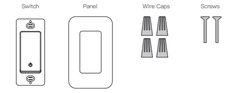
LED/halogen 7W ~ 450 W

04 Product Description

A WiFi smart switch is a switchgear that can be controlled through a Wi-Fi connection, usually embedded in a wall or electrical appliance to achieve remote control, timing switch, voice control and other functions. This kind of switch usually consists of a power processing part, a signal control part, an input signal part, and an output signal part.

3

05 Contents Supplied

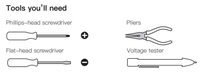


06 Safety Information

⚠ WARNING: RISK OF ELECTRIC SHOCK

Electricity can cause personal injury and property damage if handled improperly.If you are not sure about any part of these instructions, please seek professional assistance from a qualified electrician.
Ensure all wark meets applicable local and national codes.

Tools you'll need



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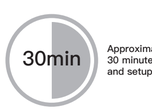
07 Installation

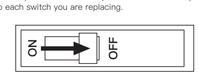


Approximately 30 minutes to install and setup the switch

STEP 1

Turn Off Power

- Locate your circuit breaker panel and turn off the power to each switch you are replacing.

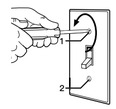


Circuit breaker panel

5

STEP 2

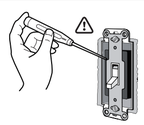
Remove the switch and pull it away from the wall.



STEP 3

⚠ Verify Power is Off

- We recommend you to remove the faceplate from the old switch and use an electrical tester to test all wires connected to the switch to ensure there is no voltage in the circuit.
- You may need to turn off more than on circuit breaker.



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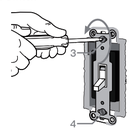
STEP 4

Pull Out Old Switch

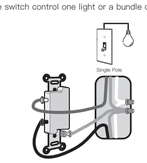


STEP 5

Identify The Old Switch

Single Pole Switch

Only one switch control one light or a bundle of lights.



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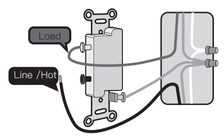
STEP 6

Identify Line/Load Wire
Note:The color of your wire may be different from the color shown on the manual.

LINE/LOAD wire (usually BLACK, attached with a black screw)

Single Pole Switch



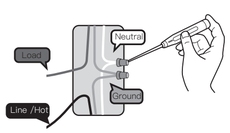
8

STEP 7

Test NEUTRAL and GROUND Wires

Make sure there is no power on the neutral wires from neighboringcircuit. If necessary, shut off additional circuits until no voltage is found.

GROUND wires are usually BARE COPPER or GREEN.



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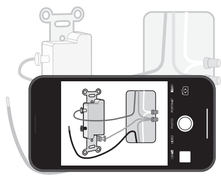
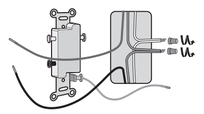
STEP 8

Take Pictures of the Wiring



Loosen the screw terminals and remove the old switch.



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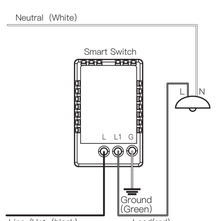
STEP 9

Wire the Smart Switch

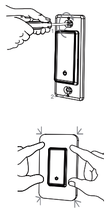
Connection Diagram —Single Pole



11

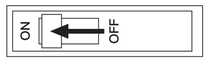
STEP 10

Mount the switch



STEP 11

Turn on the power



12

IMPORTANT

This product needs to charge the supercapacitor at the first time power-on. The charging time will take about 5~7 minutes, it will be slightly different depending on the load power and type.

Charge time 7 mins

Flicker dure charging

The light may turn on or flicker during the charging process, this is normal situation, and the light will automatically go off after the charge is completed, the switch needs about 1 more minute to initialize, and then it will enter the normal working state.

13

08 Add Devices

STEP 1

Download MOES App

MOES App is upgraded as much more compatibility than Tuya Smart/Smart Life App,functional well for scene controlled by Siri,widget and scene recommendations as the fully new customized service.
(Note: Tuya Smart/Smart Life App still works,but MOES App is highly recommended)

STEP 2

Registration or Log in

- Download "MOES"Application
- Enter the Register/Login interface;tap "Register" to create an account by entering your phone number to get verification code and "Set password".Choose "Log in" if you already have a Smart Life account.

STEP 3

Configure the APP to the switch

- Preparation: Ensure the switch has been connected with electricity,ensure your phone has been connected to Wi-Fi and is able to connect to the Internet.

Note:

The switch only supports 2.4G network.If you have connected 5G network,please disconnect 5G network firstly and connect 2.4G network.

14

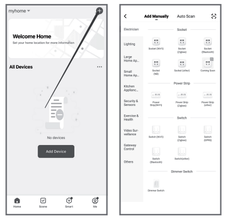
STEP 4

Add the Switch to APP

Preparation: Ensure the switch has connected with electricity; ensure your phone has connected to Wifi router and is able to connect to the internet.

Note: The switch supports 2.4G Wi-Fi network only

- After the user login,Tap the "+" icon on the top right conner to add device; slect the "switch"menu and choose the switch device icon.



15

STEP 5

Quick Configuration Mode

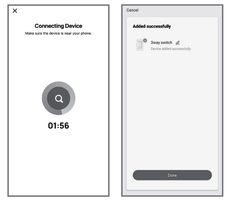
- Press and hold Switch button for 8s to reset the Switch and get into quick configure mode
- Select the Wi-Fi and enter the password then click Next Wait for completing the connection.

Remark:

Smart phone and device must connect to same Wi-Fi during setup mode The device must be added to the account before it can be controlled remotely After the device is successfully accessed, other users can obtain control of the product through the sharing function.

16

- Wait system to search the device,connect and configure the device will takes up to 3min.
- Once the device configure successfully, please also input preferred name and select location.



Troubleshooting

- Make sure you have good Wi-Fi singal strength at the location of the switch
- Metal box and MATEL Surface-wall board may block Wi-Fi signal
- Make sure input correct Wi-Fi password

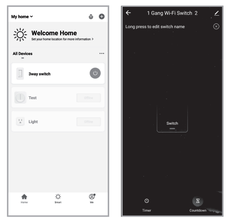
17

STEP 6

All added devices can be viewed in the main menu of the APP

STEP 7

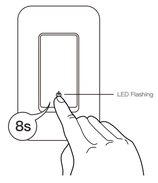
Control switch with APP



18

09 Reset

Press and hold Switch button for 8s to reset the Switch and get into quick configure mode



10 Control your home with your voice

Control your home with your voice Devices are compatible with Amazon Alexa and Google Home supported functionalities.
Please see our step-by-step guide on:
https://www.moestech.com/blogs/news/smart-device-linked-voice-speaker

19

FCC Caution

FCC Compliance Statement for WS-SY-US-L110
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received,

20

including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IC Caution

- This device complies with Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
- Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

21

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22

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23

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