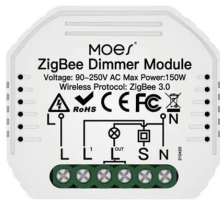


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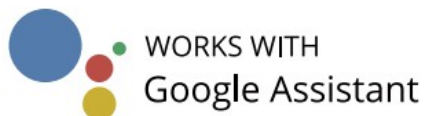
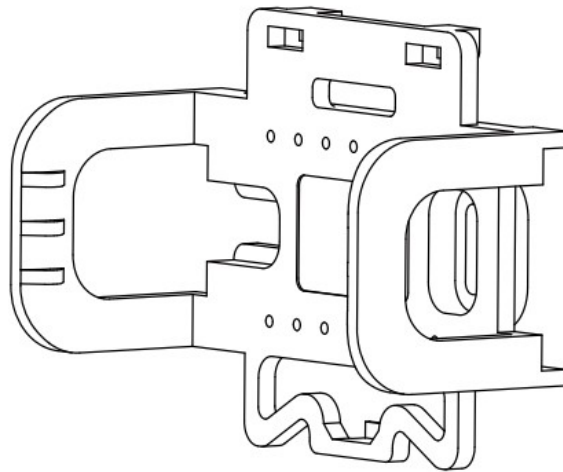
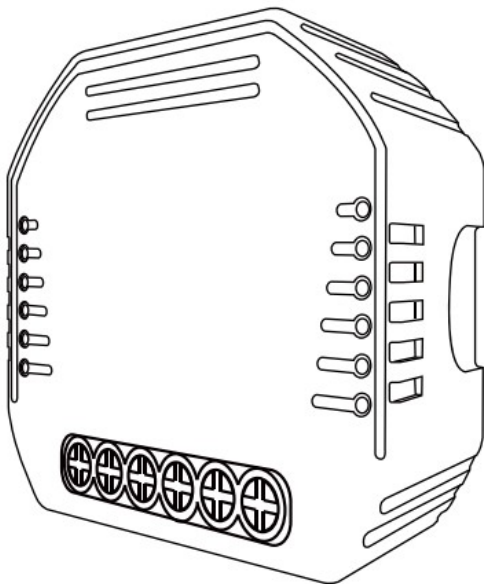
**Manuals+**

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# Moes MS-105Z Smart Dimmer Module Instruction Manual



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Enjoy Our Smart LifeSmart Dimmer Module  
MS-105Z  
Instruction Manual

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## MS-105Z Smart Dimmer Module



[https://drive.google.com/drive/folders/1SmMF-HF3hMVjwgtra-nhvbjnE\\_3CKk9J?usp=sharin](https://drive.google.com/drive/folders/1SmMF-HF3hMVjwgtra-nhvbjnE_3CKk9J?usp=sharin)

Please scan the QR code to get the Instructional manual, the installation video and the function introduction receive



<https://pan.baidu.com/s/1FkSE4-9MG11ZopUdAt3DzA?pwd=r8yw>

Global international operation Whenever & Wherever You are, All-in-one Mobile App



Schedule timer



Voice control—work  
with Google Home



Voice control—work  
with Amazon Alexa



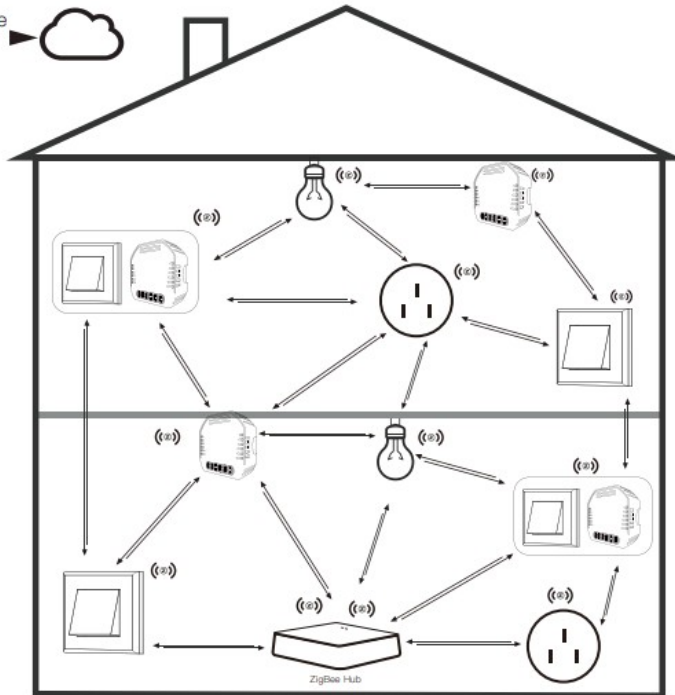
Device Sharing



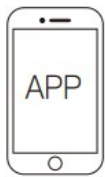
Anywhere



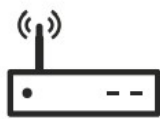
**ZigBee  
Mesh**



Inhouse local operation



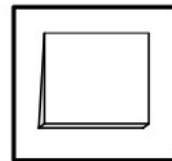
App



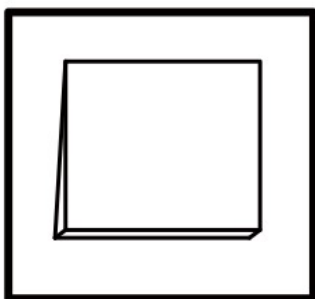
Router



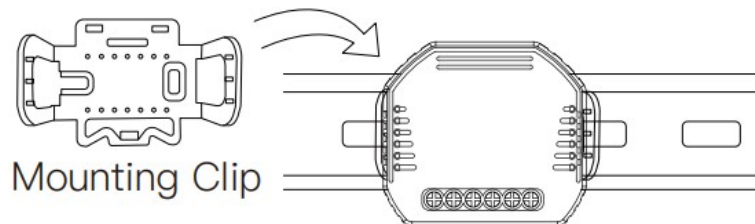
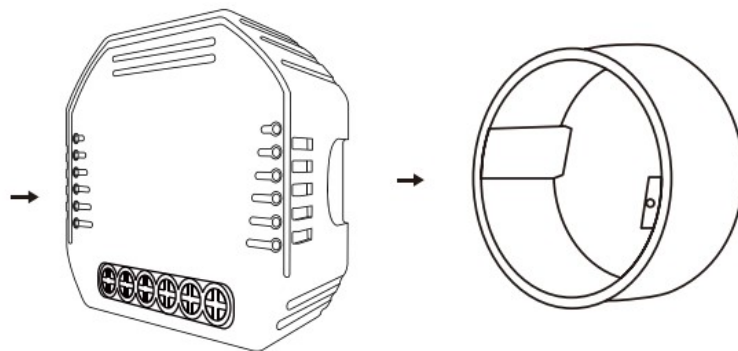
Voice control



Reset Switch



Reset Switch



Mounting Clip

### Step 1

- Turn off the circuit breaker and use the electrical tester to test the power.
- Ensure the circuit breaker is off before wiring.

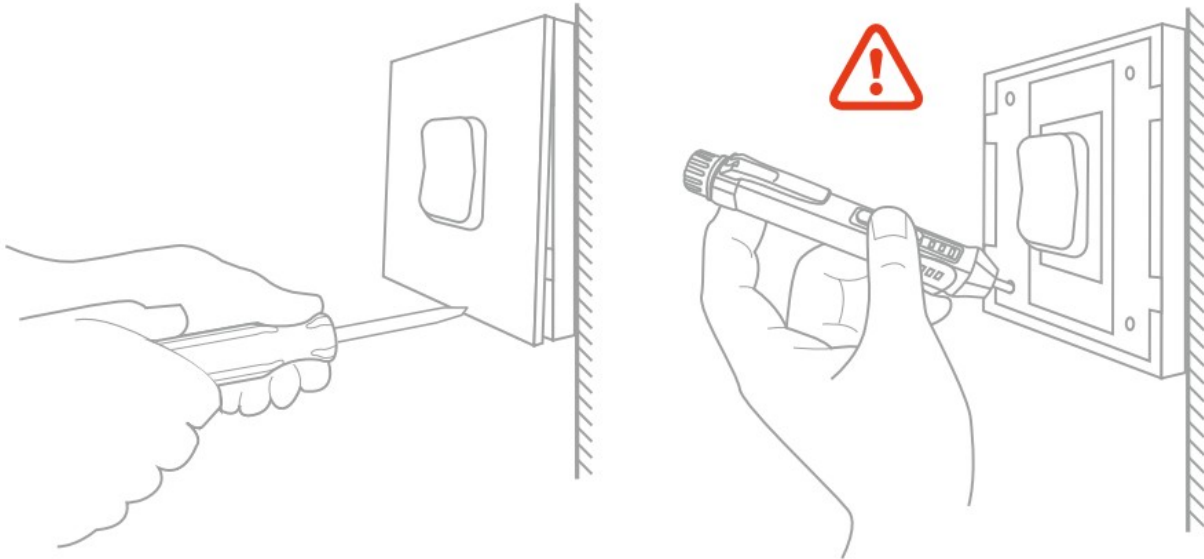


**⚠ Attention:**

Please disconnect the power supply before installing or removing the device for avoiding irreversible damage on the device from the electric current or some unpredictable problems such as lamp flashing.

**Step 2**

Remove the old switch



**Step 3**

Remove the switch and pull it away from the wall.

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

**⚠ Verify power is off**

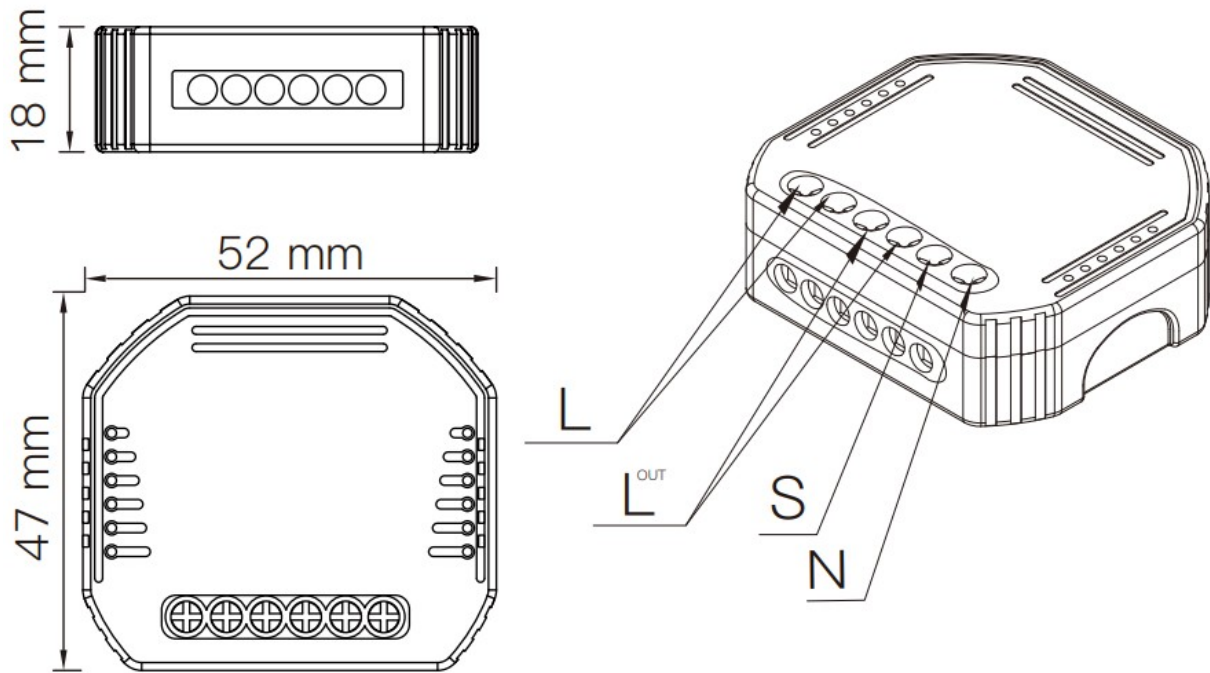
We recommend you remove the faceplate from the old switch and use an electrical tester to test all wires connected to the switch to ensure there is no voltage in the circuit.

You may need to turn off more than one circuit breaker.

## INSTALLATION

**⚠ Warnings:**

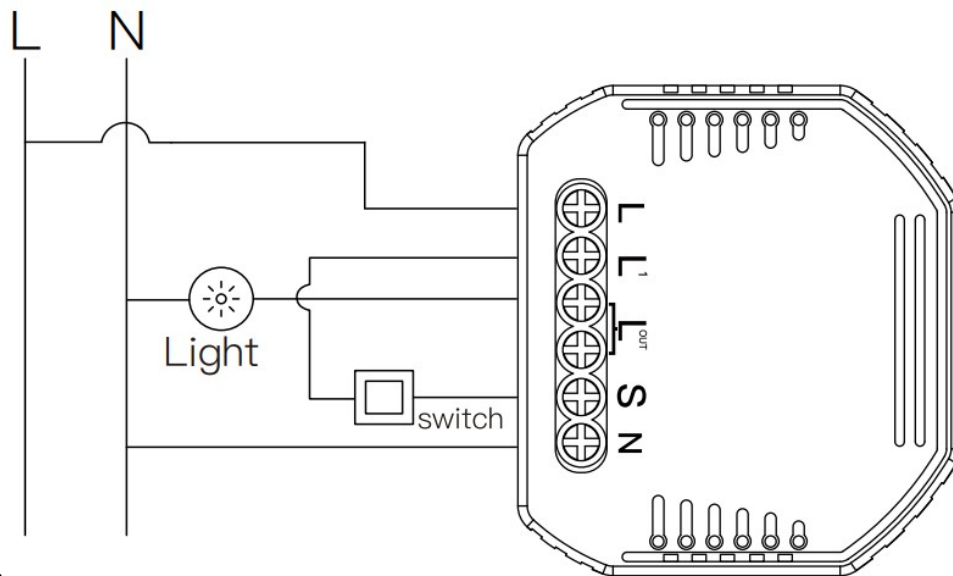
1. Installation must be carried out by a qualified electrician in accordance with local regulations.
2. Keep the device out of the reach of children.
3. Keep the device away from water, damp or hot environment.
4. Install the device away from strong signal sources such as microwave oven that may cause signal interruption resulted in abnormal operation of the device.
5. Obstruction by concrete wall or metallic materials may reduce the effective operation range of the device and should be avoided.
6. Do NOT attempt to disassemble, repair or modify the device.



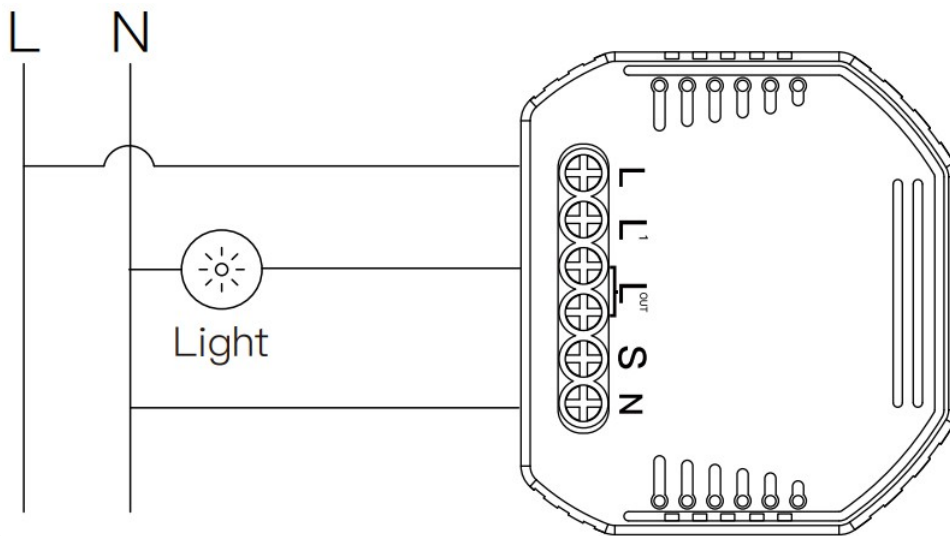
## TECHNICAL SPECIFICATIONS

Product Type	Smart Dimmer Module
Voltage	90-250V AC 50/60Hz
Max Power	75W 110V / 150W 220V
Wireless Protocol	ZigBee 3.0
Operation Temp.	-10°C – +40°C
Case Temp.	T <sub>c</sub> : +80°C (Max.)
Operation Range	≤200 m
Dims (WxDxH)	52x47x18 mm
IP Rating	IP20

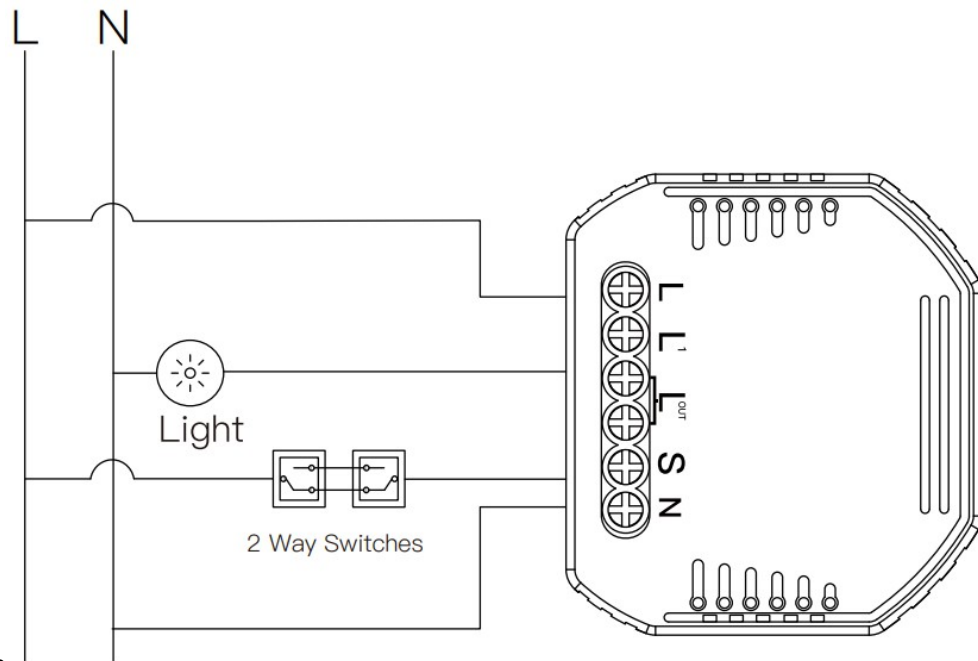
## WIRING DIAGRAM



1. With one switch



2. Without switch



3. With 2 Way switches

### Wiring Instructions and Diagrams

1. Turn off the power supply before carrying out any electrical installation work.
2. Connect wires according to the wiring diagram.
3. Insert the module into the junction box.
4. Connect the power supply and follow switch module configuration instructions.

**Notes:** Put your smartphone close to the switch module when you're configuring, and make sure you have min. 50% Wi-Fi signal.

### FAQ

#### Q1: What should I do if I can't configure the switch module?

- a. Please check whether device is powered on.
- b. Make sure your mobile and switch module are under the same 2.4 GHz WiFi network.
- c. Whether it's in good internet conditions.
- d. Make sure the password entered in App is correct.
- e. Make sure the wiring is correct.

#### Q2: What device can be connected to this ZigBee switch module?

- Most of your household electrical appliances can be, such as lamps, laundry machine, coffee maker, etc.

#### Q3: What happens if the WiFi goes off?

- You can still control the device connected to the switch module with your traditional switch and once WiFi is active again the devices connected to App will connect automatically for normal control.

#### Q4: What should I do if I change the WiFi network or change the password?

– You have to re-connect your Zigbee gateway hub to the new WiFi network according to the App User Manual.

#### Q5: How do I reset the device?

– Power on/off device 10 times until the beeper on the module sounds continuously.

### MANUAL OVERRIDE

The switch module terminal reserves the access of manual override function for the end-user to switch on/off.

- Switch on/off for permanent on/off function.

#### Notes:

1. Both the adjustment on App and switch can be reset, the last adjustment remains in memory.
2. The App control is synchronized with the manual switch.

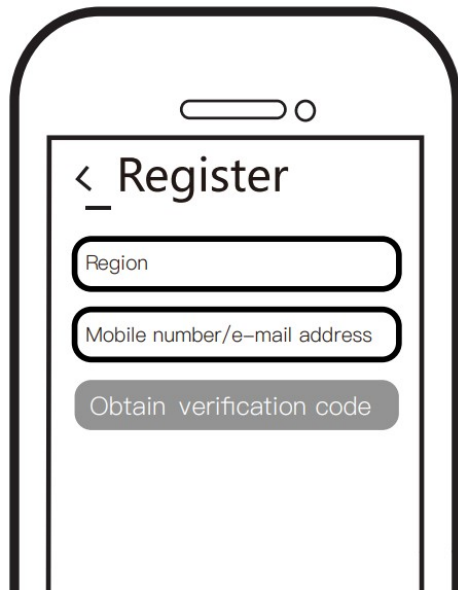
### APP USER MANUAL



<http://smartapp.tuya.com/smartlife>

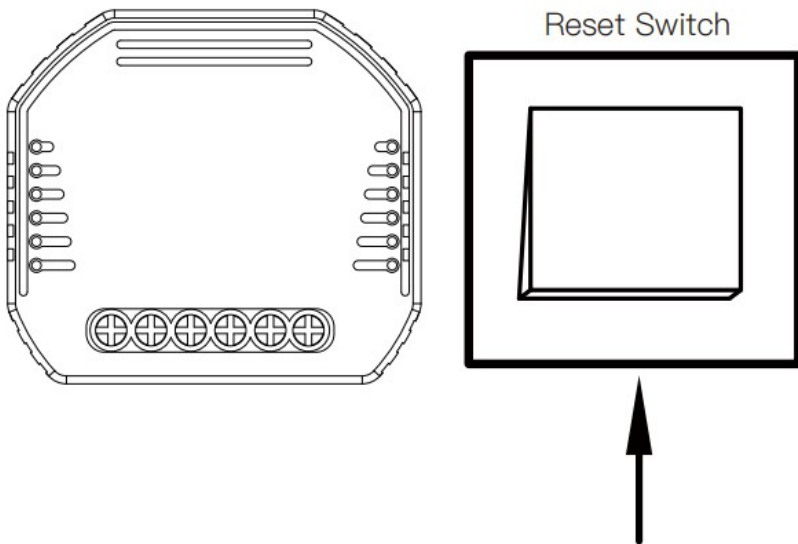
iOS App / Android App

1. Scan the QR code to download Smart Life App, or you can also search keyword “Smart Life” at App Store or Googleplay to



download App.

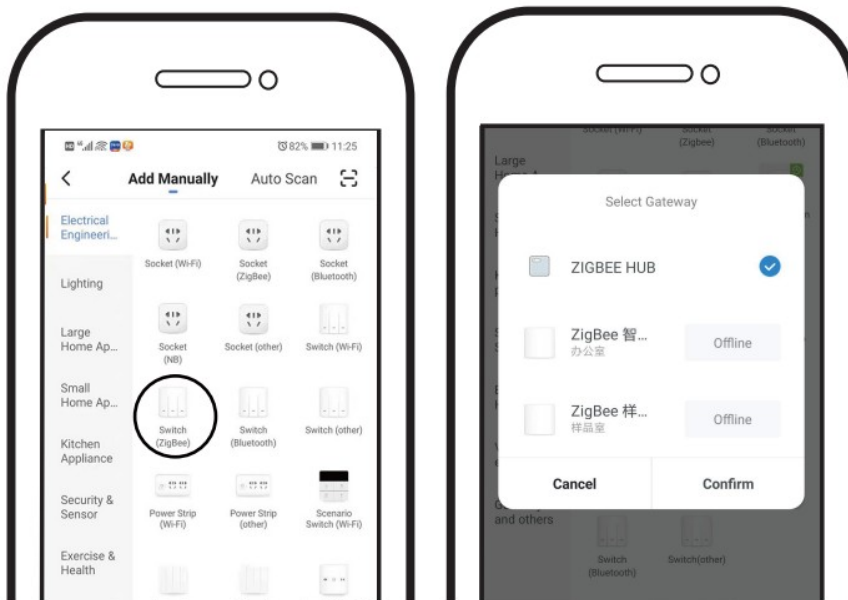
2. Log in or register your account with your mobile number or e-mail address. Type in the verification code sent to your mobile or mail box, then set your login password. Click “Create Family” to enter into the App.



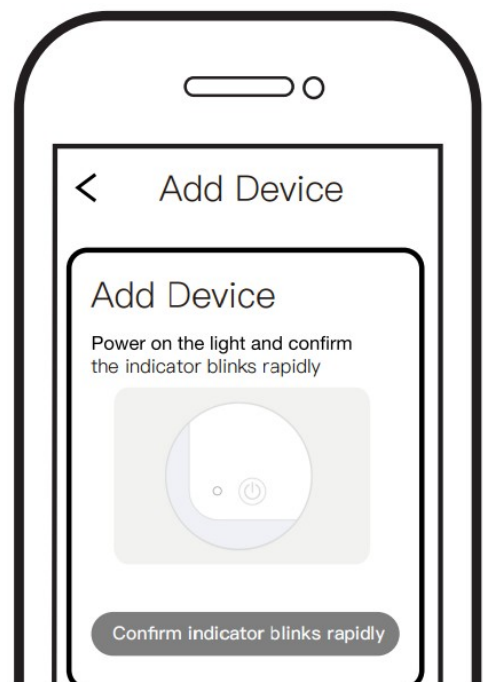
### 3. Zigbee Link/Reset:

**Note:** This smart switch module can only be used with reset switch.

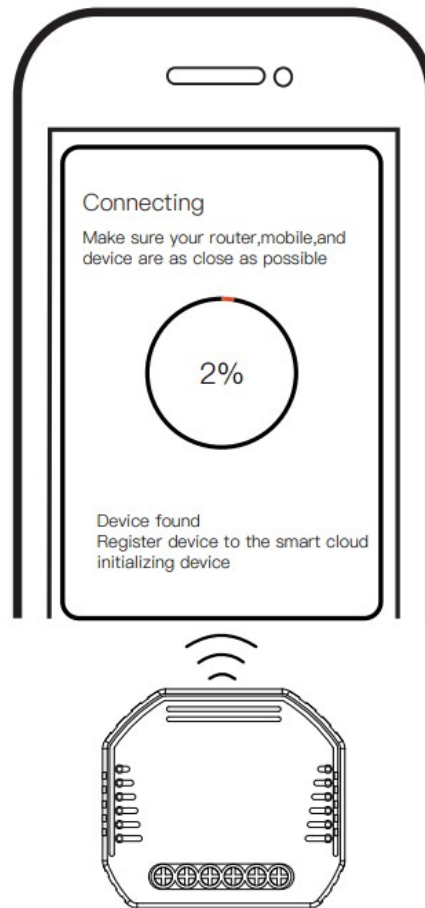
After the wiring of switch module is done, press the return button switch for 10 times (keep time interval not too short) until the beep sounds continuously and rapidly as Di-Di-Di... for pairing mode.



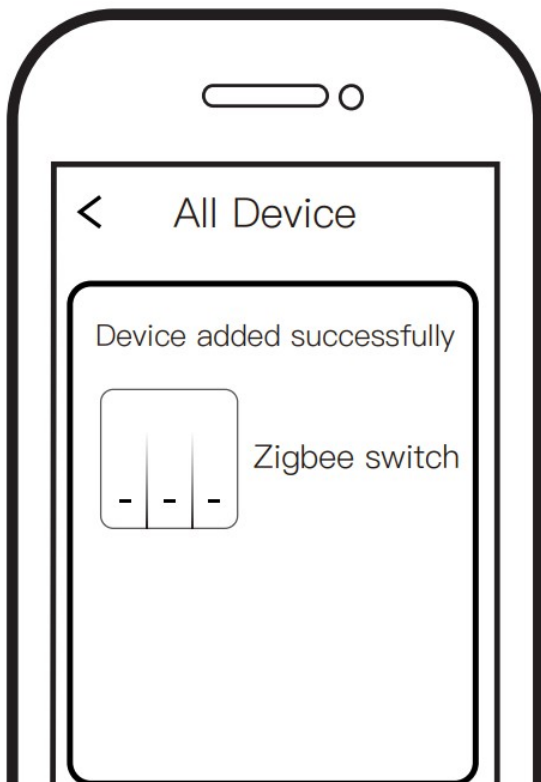
4. Open the App, select "+" on top right, choose "Switch (Zigbee)" to add device. And select the right Gateway to confirm the connection.



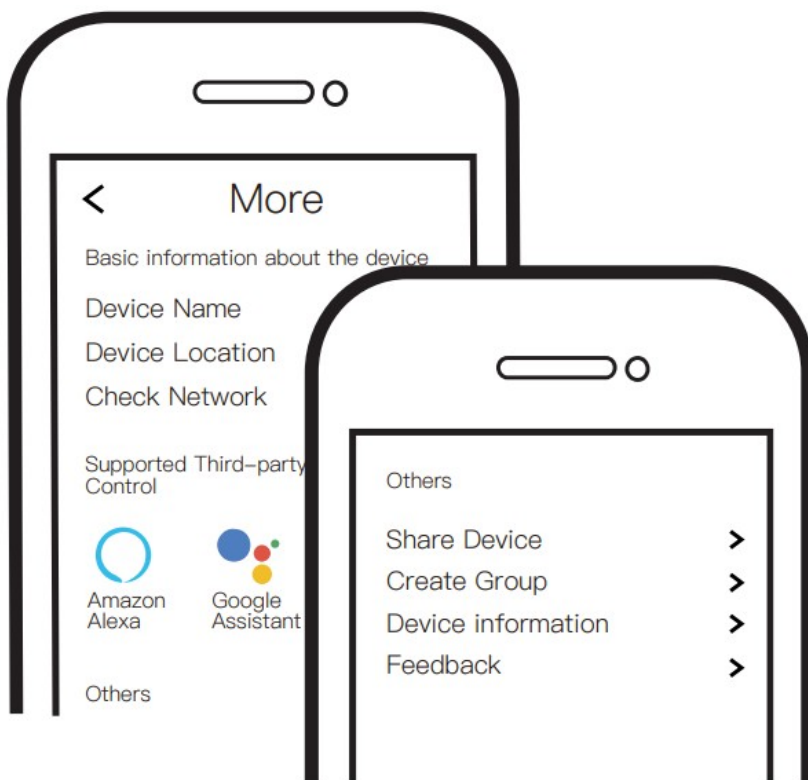
**Note:** Make sure you have successfully connected one Zigbee gateway hub.



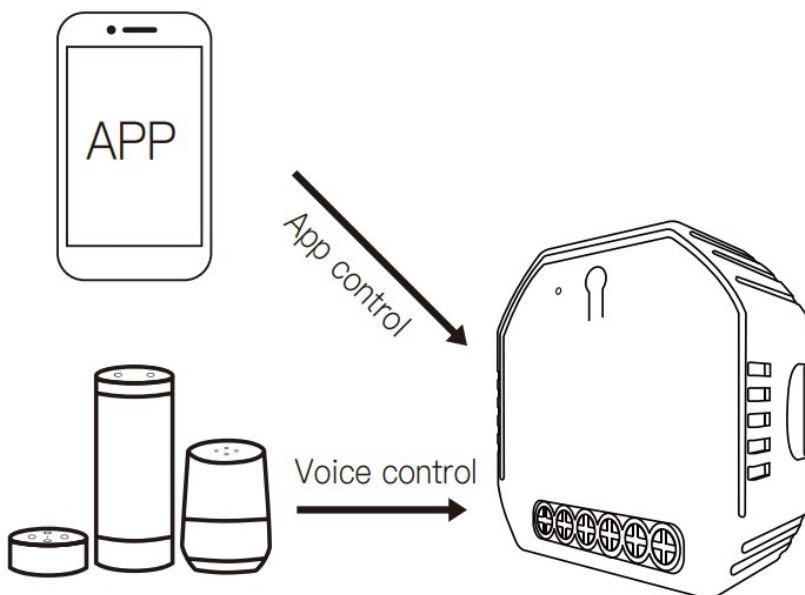
5. Confirm the Zigbee switch module is beeper rapidly. (twice a second).
6. The connecting will take about 10-120 seconds to complete depending on your network condition.



7. When pairing is done, the Zigbee switch will be shown on the App, and you are able to change the device name to your own taste.



8. Connect to Amazon Alexa or Google Assistant for voice control, or share the devices with your families or friends.



9. Enjoy your smart life of home automation for lighting control by using our All-in-one mobile App wherever you are in the world or simply by voice control when you are sitting at home comfortably.

## Pair and clear up the RF code

### 1. How to pair the RF code

**1.1** For reset switch:press the switch for 5 times to hear the beep sounds as Di-Di(2 times) for successful pairing.

**1.2** For rocker light switch:press the switch for 10 times (ON/OFF cycle for 5 times) to hear the beep sounds as Di-Di(2 times) for successful pairing.

#### **1.3 For reset button:**

a.for button 1:press the button on the module for once to hear the beep sounds as Di(1 second),then long press the button on the module to hear the beep sounds as Di-Di(2 times) for successful paring.

b.for button 2:press the button on the module for twice to hear the beep sounds as Di...(2 seconds),then long press the button on the module to hear the beep sounds as Di-Di(2 times)for successful paring.

### 2. How to clear up the RF code

**2.1** For reset switch:press the switch for 5 times to hear the beep sounds as Di-Di(2 times),and press the switch for 5 times again after 5 seconds to hear the beep sounds as Di-Di-Di-Di(4 times) for successful clearing.

**2.2** For rocker light switch:press the switch for 10 times (ON/OFF cycle for 5 times) to hear the beep sounds as Di-Di(2 times),and press the switch for 10 times (ON/OFF cycle for 5 times) again after 5 seconds to hear the beep sounds as Di-Di-Di-Di(4 times) for successful clearing.

#### **2.3 For reset button:**

a. for button 1: press the button on the module for once to hear the beep sounds as Di(1 second),then long press the button on the

module to hear beep sounds as Di-Di(2 times),release your finger for 5 seconds and long press the button again to hear the beep sounds as Di-Di-Di-Di(4 times) for successful clearing.

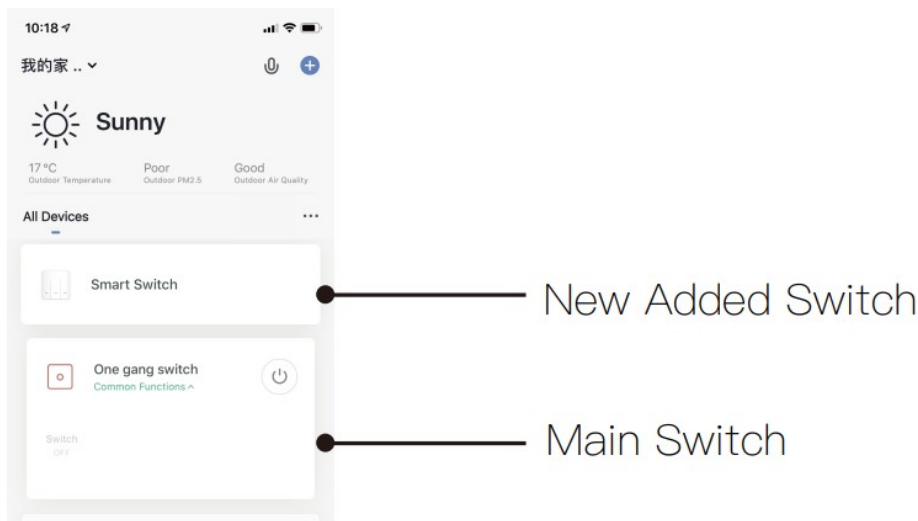
b. for button 2: press the button on the module for twice to hear the beep sounds as Di...(2 seconds),then long press the button on the module to hear beep sounds as Di-Di(2 times),release your finger for 5 seconds and long press the button again to hear the beep sounds as Di-Di-Di-Di(4 times) for successful clearing.

### 3.3 How to achieve multi-control association

**Note:** Please confirm you have successfully finished the zigbee link method above for adding this switch to your Smart Life App before the association.

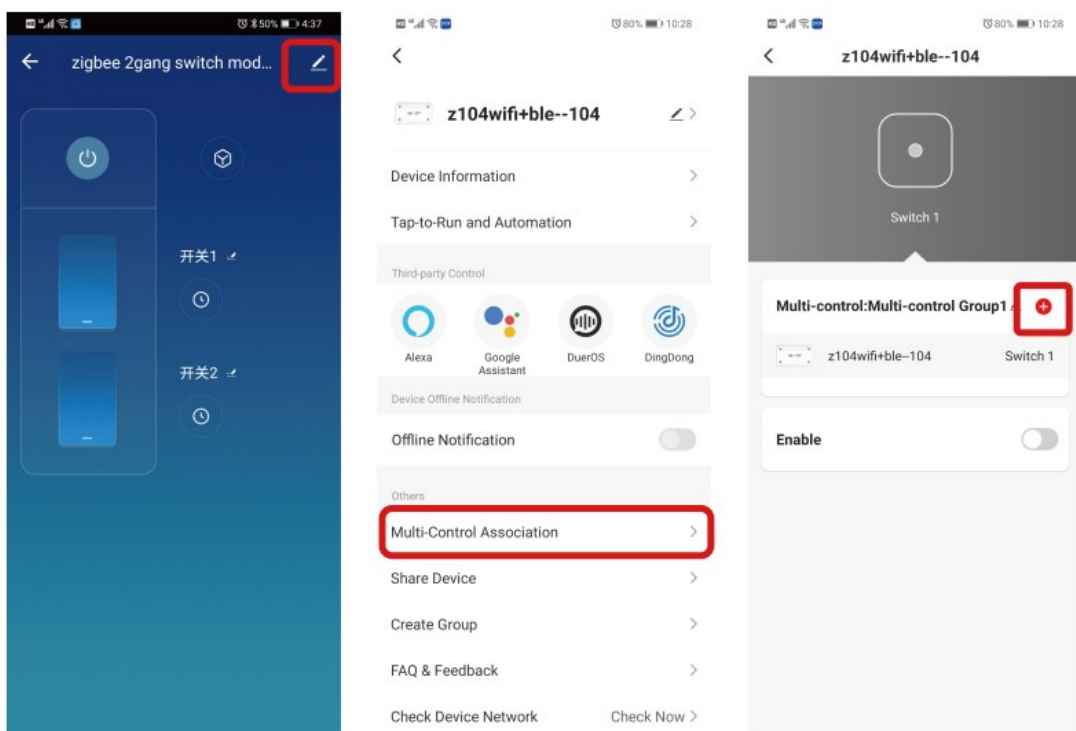
1. WiFi add another smart switch to the same Smart Life/Tuya App.(If there is a smart switch having been added before to the app,just go to next step.)

**Note:** There is no need to wire the new added switch to the light,only L and N are required for wiring.

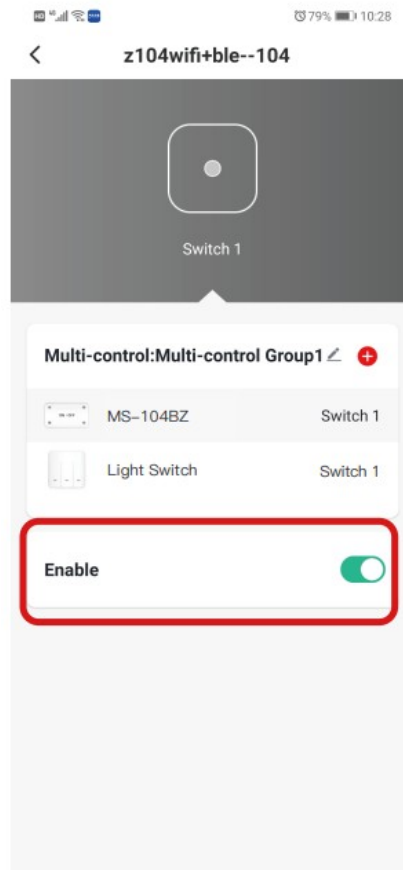


2. Then you will see two devices in the app and click the main switch(as One gang switch as below) by entering into the next operation.

3. Click  in the upper right corner and choose "Multi-Control Association, and then click "+" in the right corner

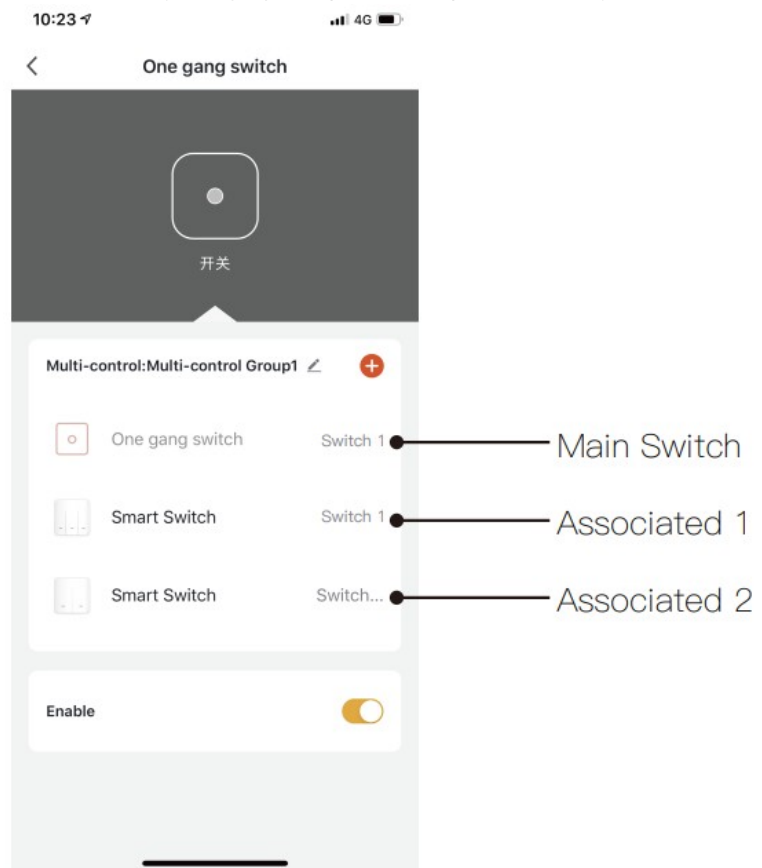


4. Choose the switch that you want to associate to and then choose the switch button that you want to control the same light.
5. Then go back to previous page,you will see two items in the page,one is your main switch,the other is the one you associate just now.



**Note:** Please confirm the associated switch is enabled.

6. Now you are able to control your light with two switches. Do not associate another button in the same switch for multi-control.
7. If you want to add another third or more smart switches to control your light, just repeat the steps above. And you will see the result



as below when you associate another new switch.

## SERVICE

1. During the free warranty period, if the product breaks down during normal use, we will offer free maintenance for the product.
2. Natural disasters/man-made equipment failures, disassembly and repair without the permission of our company, no warranty card, products beyond the free warranty period, etc., are not within the scope of free warranty
3. Any commitment (oral or written) made by the third party (including the dealer/service provider) to the user beyond the warranty scope shall be executed by the third party

4. Please keep this warranty card to ensure your rights
5. Our company may update or change the products without notice. Please refer to the official website for the updates.



#### RECYCLING INFORMATION

All products marked with the symbol for separate collection of waste electrical and electronic equipment (WEEE Directive 2012/19 / EU) must be disposed of separately from unsorted municipal waste. To protect your health and the environment, this equipment must be disposed of at designated collection points for electrical and electronic equipment designated by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences for the environment and human health. To find out where these collection points are and how they work, contact the installer or your local authority.

#### WARRANTY CARD

##### Product Information

Product Name \_\_\_\_\_  
Product Type \_\_\_\_\_  
Purchase Date \_\_\_\_\_  
Warranty Period \_\_\_\_\_  
Dealer Information \_\_\_\_\_  
Customer's Name \_\_\_\_\_  
Customer Phone \_\_\_\_\_  
Customer Address \_\_\_\_\_

##### Maintenance Records


Failure date Cause Of Issue Fault Content Principal

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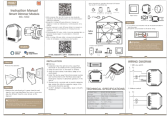
**AMZLAB GmbH**

**Laubenhof 23, 45326 Essen**

**Made In China**

**BB14**

## Documents / Resources



[Moes MS-105Z Smart Dimmer Module](#) [pdf] Instruction Manual

MS-105Z Smart Dimmer Module, MS-105Z, Smart Dimmer Module, Dimmer Module, Module

## References

- [M MOES Smart WiFi ZigBee Smart 2/3 Way Switch Socket Thermostat Sensor](#)

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