

MOES MS-105B Smart Dimmer Module Instruction Manual

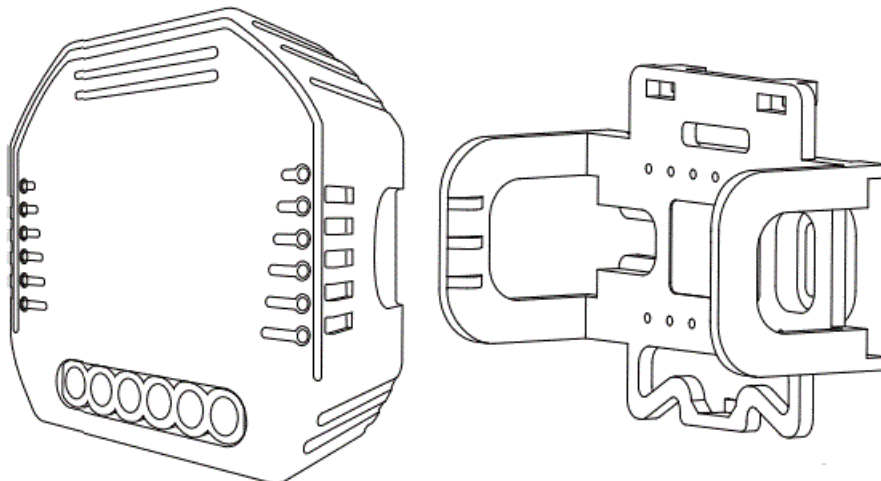
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MOES MS-105B Smart Dimmer Module



Product Information: Smart Dimmer Module – WiFi 2 Gang MS-105B

The Smart Dimmer Module is a two-gang module that allows you to control your lights remotely from anywhere using the mobile app. It supports voice control with Amazon Alexa and Google Home, and you can set schedules and timers to automatically turn your lights on and off. The module has a reset switch, push switches, and a mounting clip. It comes with wiring instructions and diagrams, and it is suitable for in-house local operation and global international operation. The product is designed to be installed by a qualified electrician in accordance with local regulations.

Technical Specifications:

- Product type: Smart Dimmer Module
- Voltage: AC 100-240V 50/60Hz
- Max Power: 200W/gang (dimming load), 400W/gang (resistive load)
- Wireless Protocol: Wi-Fi 2.4GHz (802.11 b/g/n)
- Operation temp.: -10°C – 40°C
- Case temp.: <60°C
- Operation range: Indoor use only
- IP rating: IP20

Installation Warnings:

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

Product Usage Instructions:

1. Turn off the circuit breaker and use an electrical tester to test the power. Ensure the circuit breaker is off before wiring.
2. Remove the old 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.
3. Connect wires according to the wiring diagram provided in the manual.
4. Insert the module into the junction box and connect the power supply.
5. Download the mobile app and follow module configuration instructions. Put your smartphone close to the switch module when you're configuring, and make sure you have at least 50% Wi-Fi signal.
6. You can now control your lights remotely using the mobile app or voice control with Amazon Alexa or Google

Home.

Frequently Asked Questions

- **Q: What happens if the WiFi goes off?**

A: You can still control the device connected to the switch module with your traditional switch, and once WiFi is active again, the device connected to module will connect automatically to your WiFi network.

- **Q: What should I do if I change the WiFi network or change the password?**

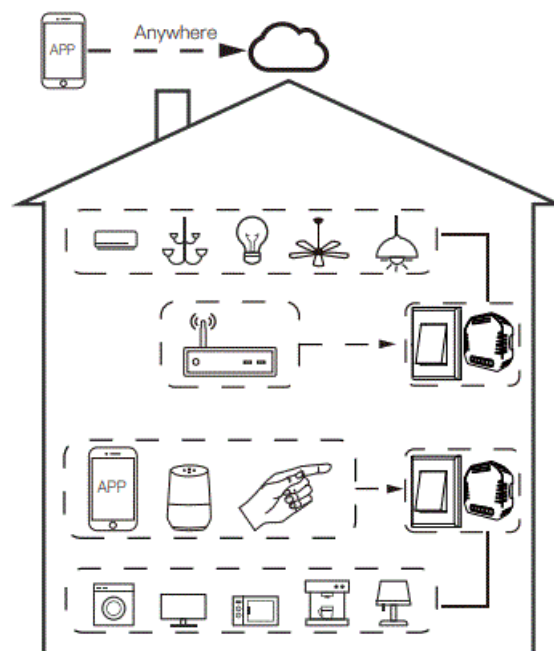
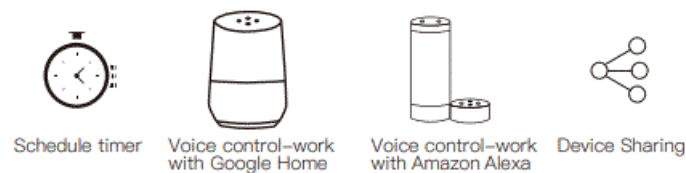
A: You have to re-connect our WiFi switch module to the new WiFi network according to the App User Manual.

- **Q: How do I reset the device?**

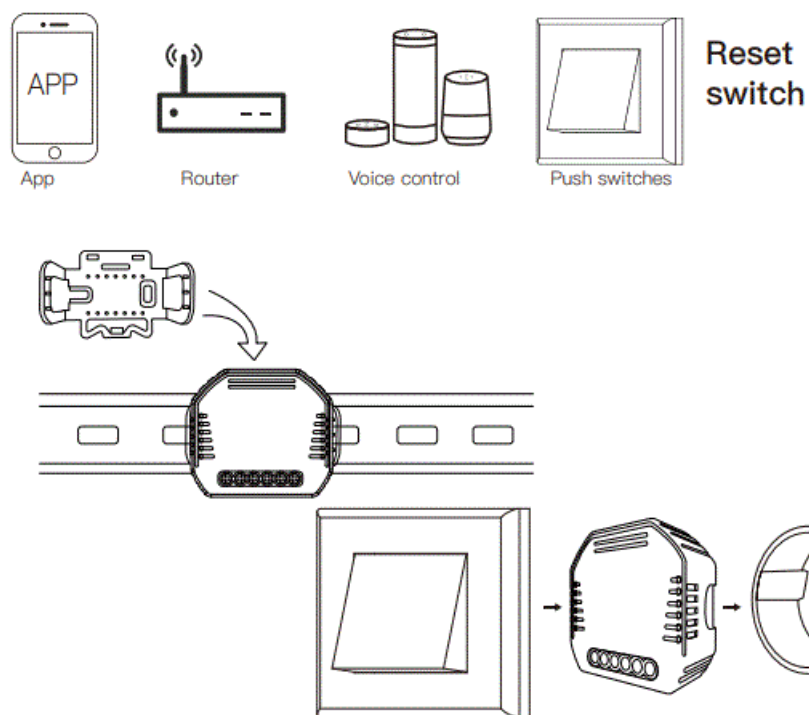
A: Power on/off the device 10 times until the beeper on the module sounds continuous.



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

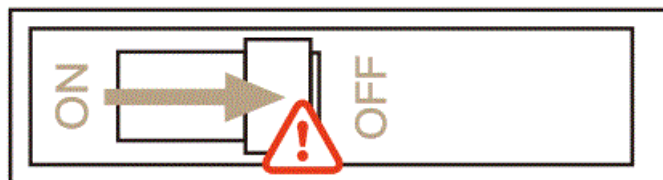


Inhouse local operation



Step 1

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

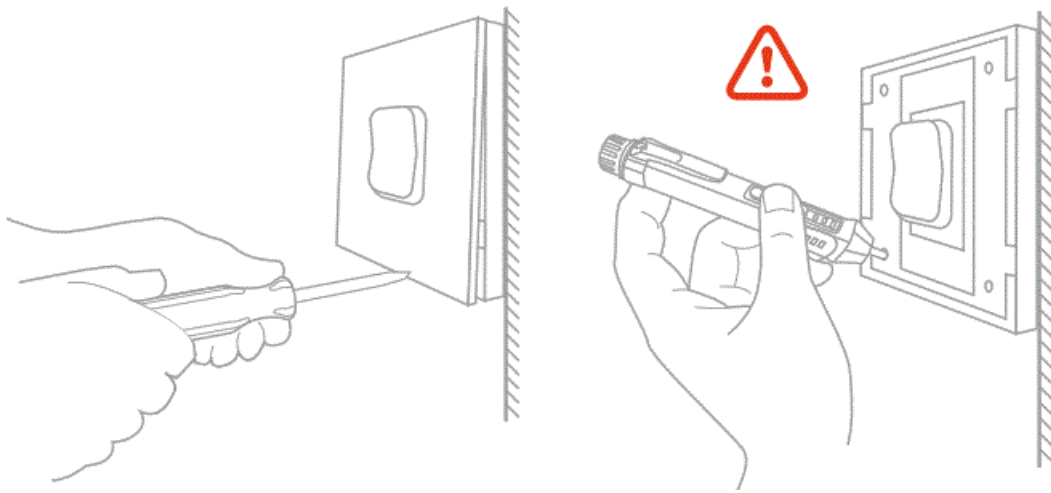


Attention:

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.)

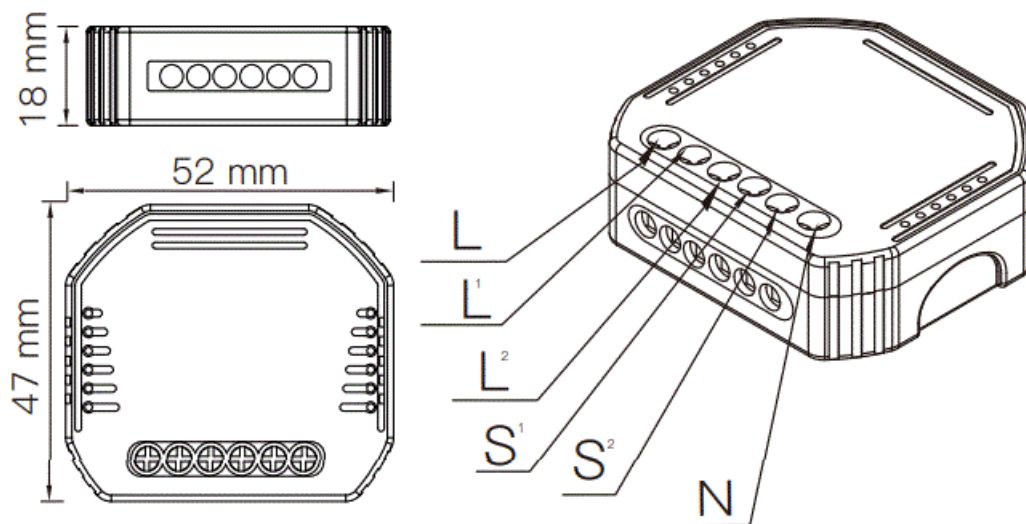
Verify power is off

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 environments.
4. Install the device away from strong signal sources such as microwave oven that may cause signal interruption resulting 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.

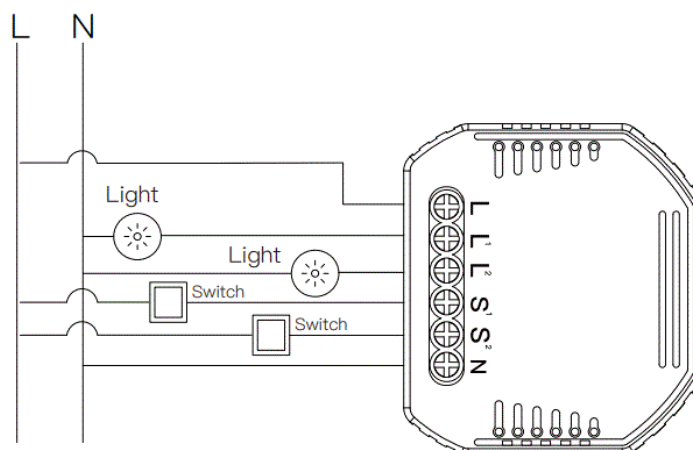


TECHNICAL SPECIFICATIONS

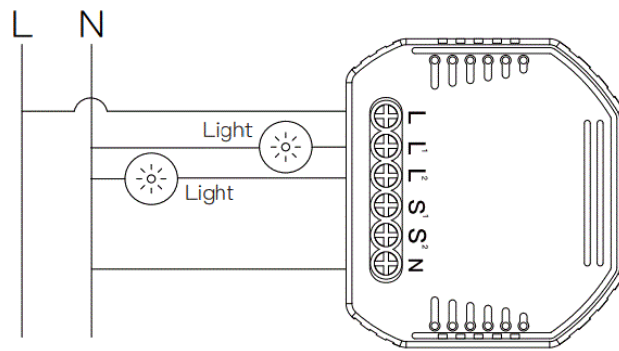
Product type	Smart Dimmer Module
Voltage	90-250V AC
Max Power	2*50W 110V / 2*100W 220V
Wireless Protocol	Wi-Fi 2.4GHz IEEE 802.11 b/g/n
Operation temp.	-10°C – +40°C
Case temp.	Tc: +80°C (Max.)
Operation range	≤ 200 m
Dims (WxDxH)	52x47x18 mm
IP rating	IP20

WIRING DIAGRAM

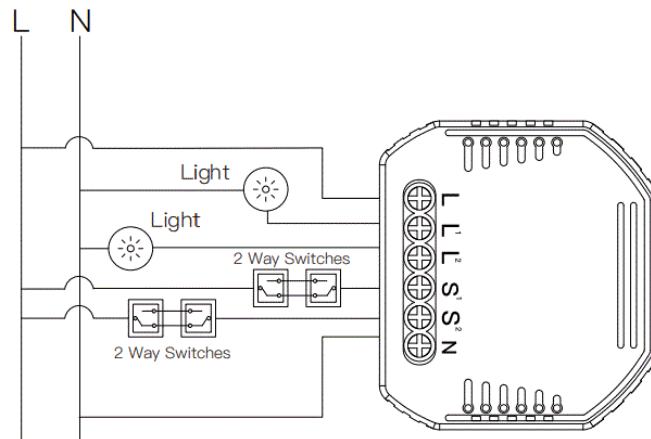
1. With two 1 Gang switch



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 WiFi switch module?

• Q3: What happens if the WiFi goes off?

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

You can still control the device connected the switch module with your traditional switch and once WiFi is active again the device connected to module will connect automatically to your WiFi network.

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

You have to re-connect our WiFi switch module 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

APP USER MANUAL

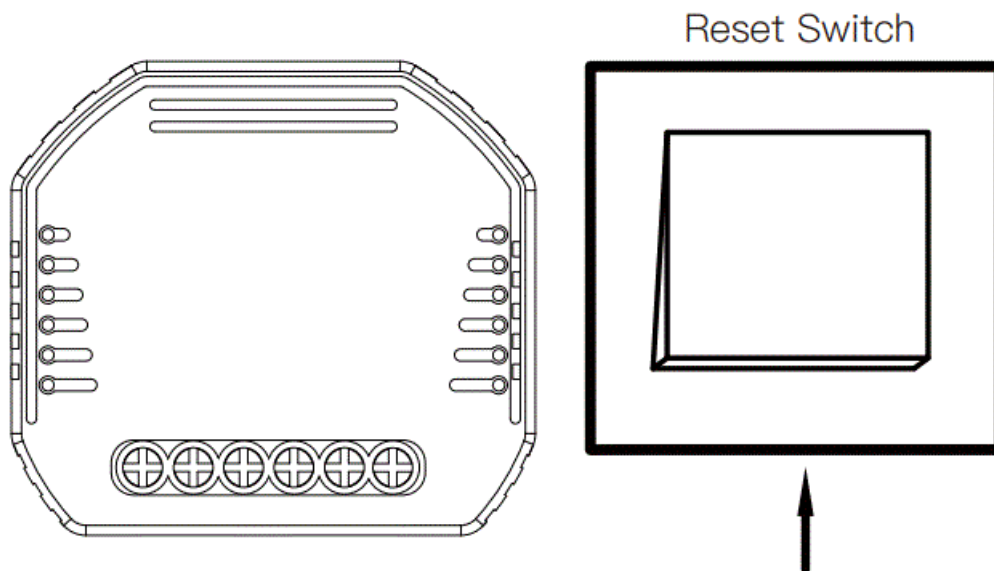


iOS App / Android App

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.

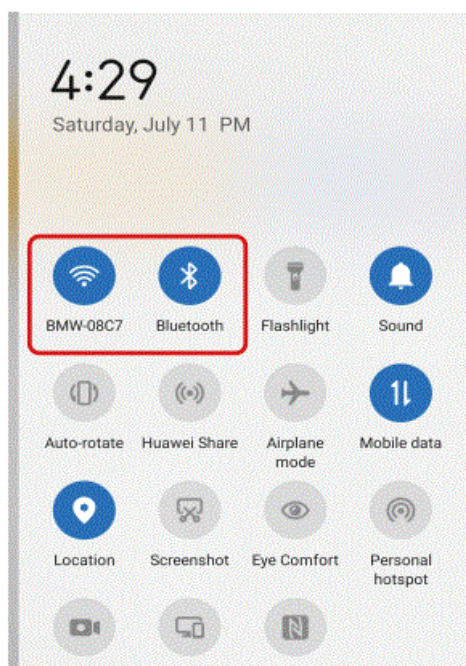


3. Log in or register your account with your mobile number or e-mail address. Type in the verification code sent to your mobile or mail box, then set your login password. Click “Create Family” to enter into the App.

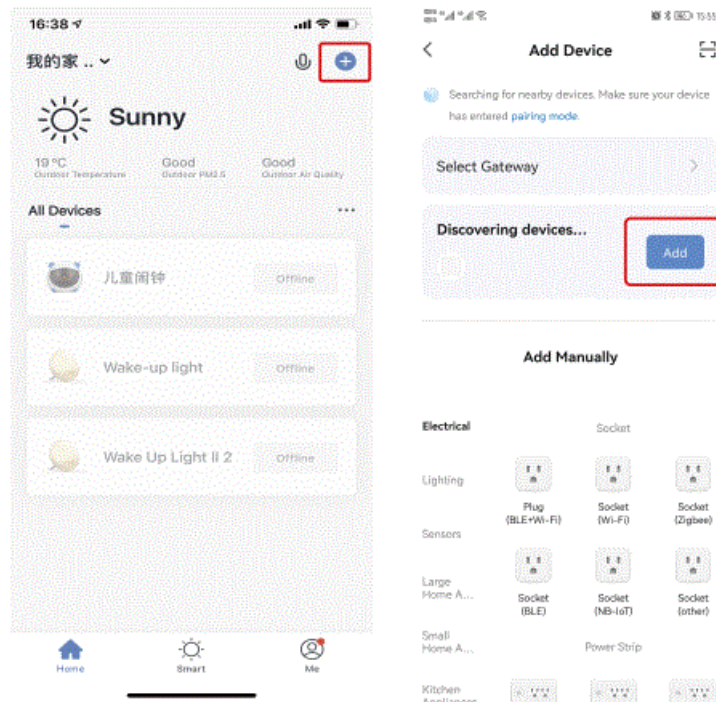


Note: This smart switch module can only be used with reset switch.

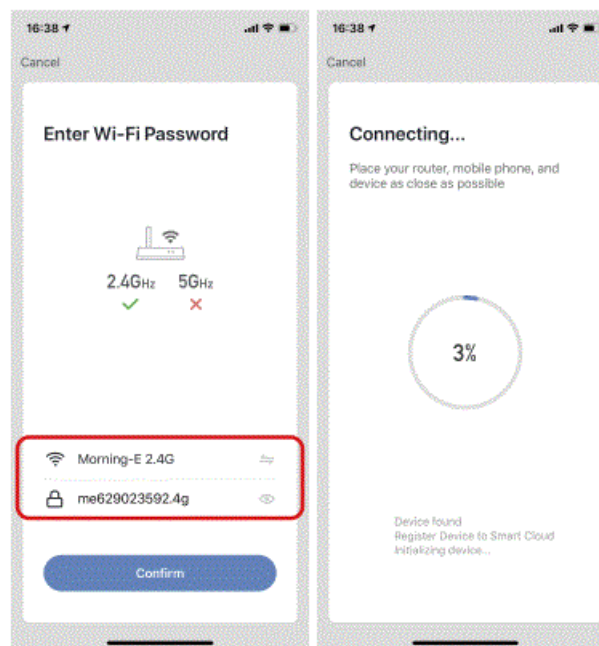
4. Pair and clear up the WiFi code with phone Bluetooth on and WiFi connected meantime. (New Updated)
 1. Make sure your phone is connected to Wi-Fi and phone Bluetooth on.



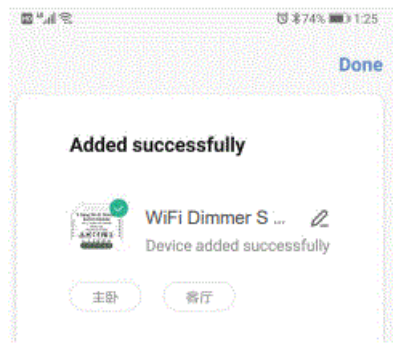
2. Open Smart Life/Tuya App and Click "+", then the prompt page will automatically show on the screen. Click "Go to add".
3. Select the device you want to add and click "+"



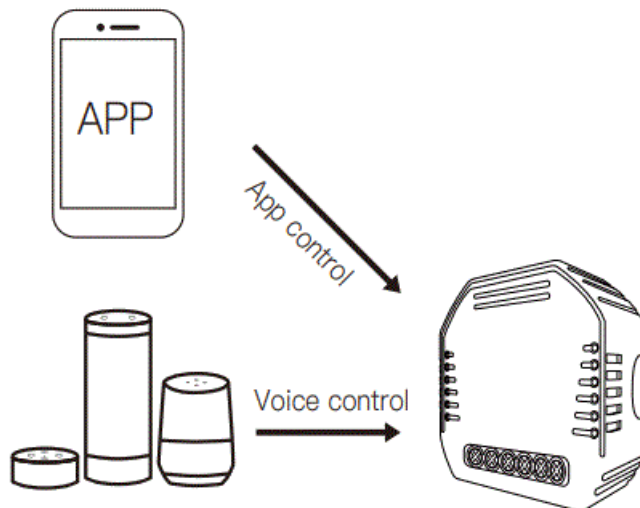
5. Add the device successfully, you can edit the name of the device to enter the device page by click “Done”



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



7. 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.



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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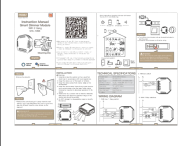
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Made In China

Documents / Resources

	<p>MOES MS-105B Smart Dimmer Module [pdf] Instruction Manual MS-105B Smart Dimmer Module, MS-105B, Smart Dimmer Module, Dimmer Module, Module</p>
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References

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