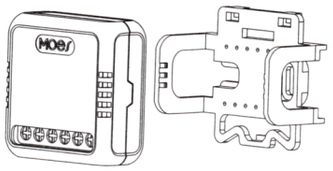
Instruction Manual
Smart Dimmer Module
Model:WM-105B-M

Wi-Fi



English

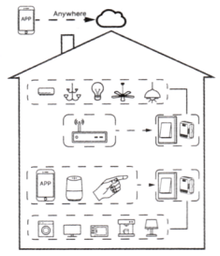
WORKS WITH alexa

WORKS WITH Google Assistant

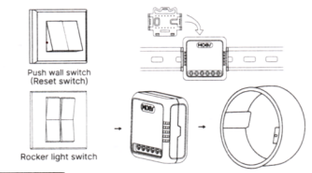
WM-105B-M-MS-DC19

- Bitte scannen Sie den QR-Code, um das deutsche Handbuch, das Installationsvideo und die Funktionseinführung 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 funzionalità. Video di installazione e funzionalità
- 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
- من فضلك قم بمسح رمز الاستجابة السريعة (QR-code) ، حصول على دليل المستخدم باللغة العربية وفيديو التثبيت ووصف للوظائف

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

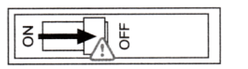


Inhouse local operation



Step 1

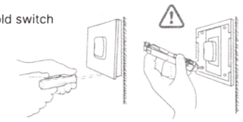
- Turn off the circuit breaker and use the electrical tester to test the power.
- Ensure the circuit breaker is off before wiring.



⚠ 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.

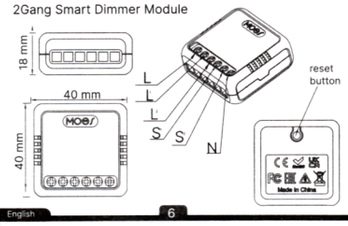
Product introduction

WIFI on-off is a kind of smart home device, by connecting to the WIFI network, it can realize functions such as remote control and timing switch. It is widely used in homes, offices, factories and other places, providing users with a more convenient and intelligent electricity experience.

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.

2Gang Smart Dimmer Module

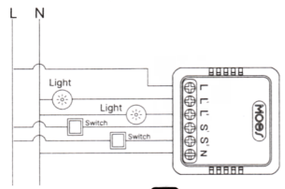


TECHNICAL SPECIFICATIONS

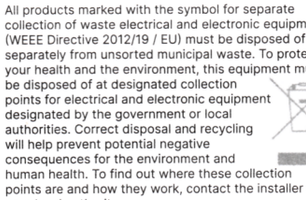
Model	WM-105B-M
Product type	Smart Dimmer Module
Voltage	90-250V AC
Max power	2*50W 110V / 2*100W 220V
Wireless protocol	Wi-Fi 2.4GHz IEEE 802.11 b/g/n
Operation temp.	-0℃ - +40℃
Case temp.	Tc: +80℃ (Max.)
Dims (WxDxH)	40×40×18 mm
IP rating	IP20
Frequency band	2.412-2.484GHz
Maximum radio transmit power	<+16dBm
RoHS Standard (RoHS)	2011/65/EU, (EU) 2015/683

WIRING DIAGRAM

1. With two 1 Gang switch



2. Without switch



3. With 3 Way switches

5. Click"Done"to enter the device page to enjoy your smart life with home automation.

How to reset /pair Wi-Fi code

a. For switch module:
Press the reset button on the module for a long time until the beep sounds continuously and quickly for pairing and reset mode.

b. For rocker light switch:
press the switch button for20 times(ON/OFF cycle for 10 times) until the beep sounds continuously and rapidly as Di-Di-Di... for pairing and reset mode.

c. For reset switch:
press the switch button for 10 times until the beep sounds continuously and rapidly as Di-Di-Di... for pairing and reset mode.

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?

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

Q3: What happens if the WiFi goes off?

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.

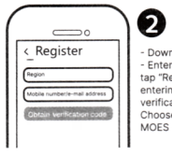
Download the MOES APP

1 Download MOES App on App store or scan the QR code

GET IT ON Google play

Download on the App Store

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)

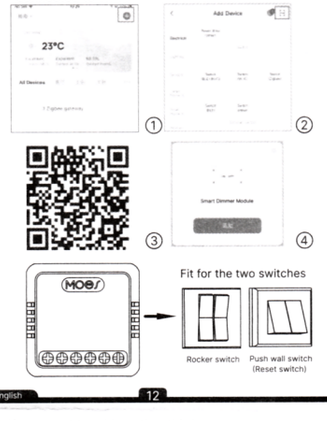


2 Registration or Log in.

- 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 MOES account.

3 Wi-Fi link method:(two pairing methods)

Method One:
Scan the QR code to configure the network guide.
1. Make sure your moes APP has successfully connected to Wi-Fi



Method two:
Pair and clear up the WiFi code with Bluetooth and WiFi connected meantime.

1.Make sure your phone is connected to Wi-Fi and Bluetooth.

2.Open MOES/Tuya App and Click"+", then the prompt page will automatically show on the screen. Click "add".

3.Enter Wi-Fi Password and click "Next",waiting for completing the connection.

4.Select the device you want to add and click "+". Add the device successfully, you can edit the name of the device to enter the device page by click "Done"

5. Click"Done"to enter the device page to enjoy your smart life with home automation.

How to reset /pair Wi-Fi code

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c. For reset switch:
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How to achieve multi-control association (only for N+L wire)

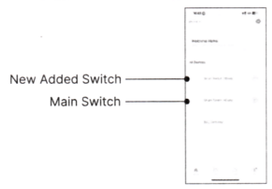
Note: Please confirm you have successfully finished the link method above for adding this switch to your MOES App before the association.

1. Add another smart switch to the same MOES App. (If there is a smart switch having been added before to the app, just go to next step.)

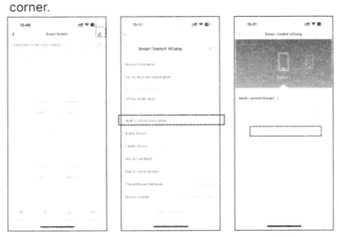
Note: If your switch requires a neutral wire, then there is no need to wire the new added switch to the light, only L and N are required for wiring. Then you can control 1 light with multiple switches in MOES App.

If your switch doesn't requires a neutral wire, you need to follow the wiring instructions to connect the L and light. At this point,you can control the lights simultaneously with multiple switches.

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.

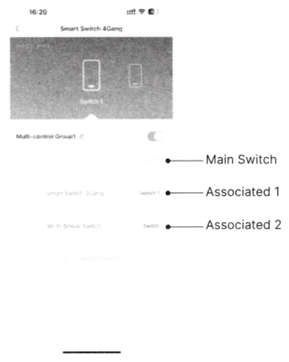


4. Choose the switch that you want to associate to and then choose the switch button that you want to control the same light. Then go back to previous page,you will see two itemsin the page,one is your main switch, the other is the one you associate just now.

Note: Please confirm the associated switch is enabled.

5. Now you are able to control your light with two switches.
Do not associate another button in the same switch for multi-control.

6. 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.



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

Declaration of conformity

Hereby,WENZHOU NOVA NEW ENERGY CO.,LTD declares that the radio equipment type WM-105B-M is in compliance with Directive 2014/53/EU,2014/35/EU, 2014/30/EU, 2011/65/EU.
The full text of the EU declaration of conformity is available at the following internet address：https://www.moestech.com/blogs/news/wm-105b-m

SERVICE

Thank you for your trust and support to our products, we will provide you with a two-year worry-free after-sales service (freight is not included), please do not alter this warranty service card, to safeguard your legitimate rights and interests. If you need service or have any questions, please consult the distributor or contact us.
Product quality problems occur within 24 months from the date of receipt, please prepare the product and the packaging, applying for after-sales maintenance in the site or store where you purchase; If the product is damaged due to personal reasons, a certain amount of maintenance fee shall be charged for repair.
We have the right to refuse to provide warranty service if:
1. Products with damaged appearance, missing LOGO or beyond the service term.
2. Products that are disassembled, injured, privately repaired, modified or have missing parts.
3. The circuit is burned or the data cable or power interface is damaged.
4. Products damaged by foreign matter intrusion . (including but not limited to various forms of fluid, sand, dust, soot, etc.)

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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