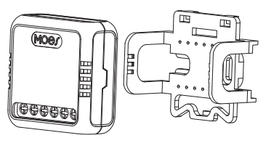
Instruction Manual
Smart Switch Module
Model:ZM–104B–M

ZigBee



English

WORKS WITH alexa

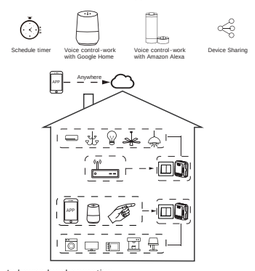
WORKS WITH Google Assistant

ZM-104B-M-MS-DA19

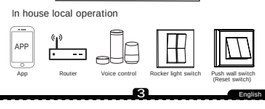
- Bitte scannen Sie den QR-Code, um das deutsche Handbuch, das Installationsvideo und die Funktionseinführung zu erhalten
- Escanee el código QR para obtener el manual en español, el video de instalación y la introducción de la función
- Veuillez scanner le code QR pour obtenir le manuel en français, 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 السريعه(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

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

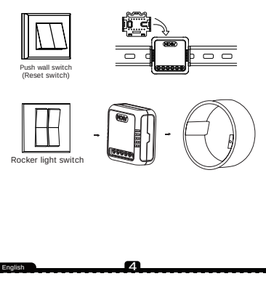


In house local operation



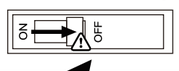
Product introduction

A WiFi switch is a switchgear that can be controlled remotely through a WiFi network. It can be used in conjunction with the smart home system, and can be remotely controlled through mobile phone APP or smart speakers and other devices, so as to conveniently control various electrical devices in the home.



Step 1

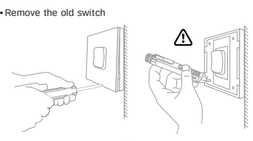
- Turn off the circuit breaker and use the electrical tester to test the power.
- Ensure the circuit breaker is off before wiring.



⚠ 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



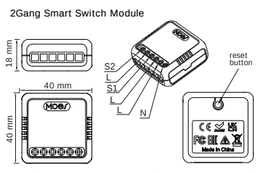
Step 3

- 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.

⚠ 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 Switch Module

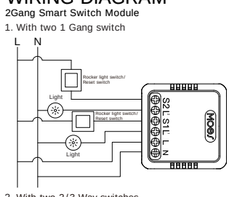


TECHNICAL SPECIFICATIONS

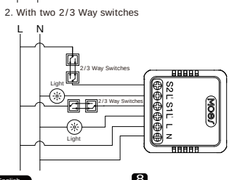
Model	ZM-104B-M
Product Type	Smart Switch Module
Voltage	90-250V AC 50/60Hz
Current	10A/Gang;Total 10A
Wireless Protocol	zigbee3.0
Operation Temp.	-10ºC ~ 65ºC
Case Temp.	Tc: +80ºC (Max.)
Operation Range	<70 m
Dims (WxDxH)	40x40x18 mm
IP Rating	IP20
Frequency Band	2.405-2.480GHz
Maximum Radio Transmit Power	<+10dBm

WIRING DIAGRAM
2Gang Smart Switch Module

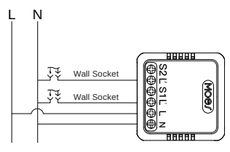
1. With two 1 Gang switch



2. With two 2/3 Way switches



3. With Wall Socket



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 ZigBee gateway hub are under the same 2.4GHz 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 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.

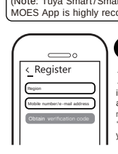
Download the MOES APP

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.

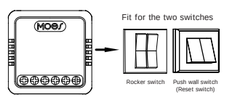
3 Steps for connecting the APP to the device

Ensure the device is within the effective signal coverage of your smart ZigBee gateway for successful connection into the ZigBee gateway in MOES APP.

Method One:

Scan the QR code to configure the network guide.
1.Make sure your MOES APP has successfully connected to a Zigbee gateway.

Scan this QR code



Method Two:

1. Make sure your MOES APP has successfully connected to a Zigbee gateway.

2.Enter the gateway.Please follow the picture below to finish as "Add subdevice→LED already blink,and the connecting will take about 10-120 secondsto complete depending on your network condition.

3.Add the device successfully, you can edit the name of the device to enter the device page by click "Done".

4.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.

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.

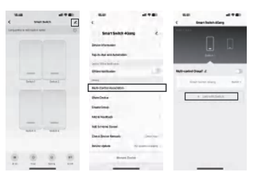
1. Add another smart switch to the same MOES App. (If there is a smart switch having been added before to the app, just go to next step.)

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 ZM-104B-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/zm-104b-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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Email:service@moeshouse.com

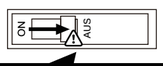
Gebrauchsanweisung
(Deutsch)

Einführung des Produkts

Ein WiFi-Schalter ist ein Schaltgerät, das aus der Ferne über ein WiFi-Netzwerk gesteuert werden kann. Er kann in Verbindung mit dem Smart-Home-System verwendet werden und kann über eine Handy-APP oder Smart-Lautsprecher und andere Geräte ferngesteuert werden, um so verschiedene elektrische Geräte im Haus bequem zu steuern.

Schritt 1

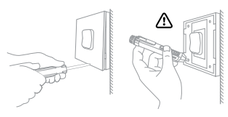
- Schalten Sie den Schutzschalter aus und verwenden Sie den Stromtester, um den Strom zu prüfen.
- Vergewissern Sie sich vor der Verkabelung, dass der Schutzschalter ausgeschaltet ist.



⚠ Achtung!
Bitte unterbrechen Sie die Stromversorgung, bevor Sie das Gerät installieren oder entfernen, um irreversible Schäden am Gerät durch den elektrischen Strom oder unvorhersehbare Probleme wie das Blinken der Lampe zu vermeiden.

Schritt 2

- Entfernen Sie den alten Schalter



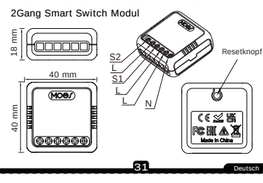
Schritt 3

- Nehmen Sie den Schalter ab und ziehen Sie ihn von der Wand weg.
Identifizieren Sie das Netz-/Lastkabel (Hinweis: Die Farbe Ihres Kabels kann sich von der in der Anleitung angegebenen Farbe unterscheiden).

⚠ Prüfen Sie, ob der Strom ausgeschaltet ist.
- Wir empfehlen Ihnen, die Frontplatte des alten Schalters zu entfernen und alle mit dem Schalter verbundenen Drähte mit einem elektrischen Prüfgerät zu testen, um sicherzustellen, dass keine Spannung im Stromkreis vorhanden ist.
- Möglicherweise müssen Sie mehr als einen Schutzschalter ausschalten.

⚠ Warnungen:
1. Die Installation muss von einem qualifizierten Elektriker in Übereinstimmung mit den örtlichen Vorschriften durchgeführt werden.
2. Bewahren Sie das Gerät außerhalb der Reichweite von Kindern auf.
3. Halten Sie das Gerät von Wasser, Feuchtigkeit oder heißer Umgebung.
4. Installieren Sie das Gerät nicht in der Nähe von starken Signalquellen, wie z. B. Mikrowellenherden, die Signalunterbrechungen verursachen können, die zu einem abnormalen Betrieb des Geräts führen.
5. Eine Behinderung durch Betonwände oder metallische Materialien kann die effektive Reichweite des Geräts verringern und sollte vermieden werden.
6. Versuchen Sie NICHT, das Gerät zu zerlegen, zu reparieren oder zu modifizieren. oder das Gerät zu modifizieren.

2Gang Smart Switch Modul

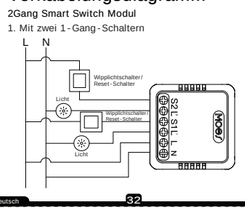


Technische Daten

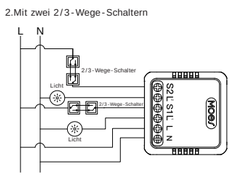
Modell	ZM-104B-M
Produkttyp	Smart Switch Modul
Spannung	90-250V AC 50/60Hz
Aktuell	10A/Gang;Insgesamt 10A
Drahtloses Protokoll	zigbee3.0
Betrieb Temp.	-10ºC ~ 65ºC
Gehäuse Temp.	Tc: +80ºC (Max.)
Arbeitsbereich	<70 m
Dimmen (WxDxH)	40x40x18 mm
IP-Bewertung	IP20
Frequenzband	2.405-2.480GHz
Maximale Funk Sendeleistung	<+10dBm

Verkabelungsdiagramm
2Gang Smart Switch Modul

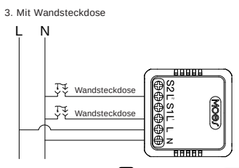
1. Mit zwei 1-Gang-Schaltern



2.Mit zwei 2/3-Wege-Schaltern



3. Mit Wandsteckdose



Laden Sie die MOES APP herunter

1 Laden Sie die MOES App im App Store herunter oder scannen Sie den QR-Code

GET IT ON Google play

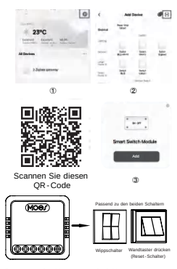
Download on the App Store

Die MOES App ist viel kompatibler als die Tuya Smart/Smart Life App und funktioniert auch für die Steuerung von Szenen durch Siri, Widgets und Szenenempfehlungen als völlig neuer kundenspezifischer Service.
(Hinweis: Tuya Smart/Smart Life App funktioniert noch, aber MOES App ist sehr empfehlenswert)

2 Schritte zum Verbinden der APP mit dem Gerät

Stellen Sie sicher, dass sich das Gerät innerhalb der effektiven Signalabdeckung Ihres intelligenten ZigBee-Gateways befindet, um eine erfolgreiche Verbindung mit dem ZigBee-Gateway in der MOES APP herzustellen.

Methode Eins :
Scannen Sie den QR-Code, um den Netzwerkführer zu konfigurieren.
1.Stellen Sie sicher, dass Ihre MOES APP erfolgreich mit einem Zigbee-Gateway verbunden ist.



Konformitätserklärung

Hiermit erklärt die WENZHOU NOVA NEW ENERGY CO., LTD, dass die Funkanlage des Typs ZM-104B-M den Bestimmungen der Richtlinien 2014/53/EU, 2014/35/EU, 2014/30/EU und 2011/65/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter folgender Adresse abrufbar Internetadresse:
https://www.moestech.com/blogs/news/zm-104b-m

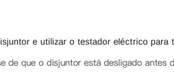
Manual de instrucciones
(Español)

Presentación del producto

Un interruptor WiFi es un dispositivo de conmutación que puede controlarse a distancia a través de una red WiFi. Se puede utilizar junto con el sistema doméstico inteligente, y se puede controlar a distancia a través de APP de teléfono móvil o altavoces inteligentes y otros dispositivos, con el fin de controlar cómodamente varios dispositivos eléctricos en el hogar.

Paso 1

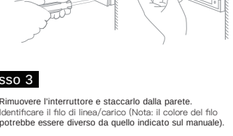
- Desconecte el disyuntor y utilice el comprobador eléctrico para comprobar la alimentación.
- Asegúrese de que el disyuntor esté apagado antes de realizar el cableado.



⚠ Atención:
Por favor, desconecte la fuente de alimentación antes de instalar o retirar el dispositivo para evitar daños irreversibles en el dispositivo por la corriente eléctrica o algunos problemas imprevecibles como el parpadeo de la lámpara.

Paso 2

- Retire el interruptor antiguo



Paso 3

- Retire el interruptor y sepárelo de la pared.
Identifique el cable de línea/carga(Nota:El color de su cable puede ser diferente del color que aparece en el manual).

⚠ Compruebe que la alimentación está desconectada
- Le recomendamos que retire la placa frontal del interruptor antiguo y utilice un comprobador eléctrico para comprobar todos los cables conectados al interruptor y asegurarse de que no hay tensión en el circuito.
- Es posible que tengas que desconectar más de un disyuntor.

⚠ Advertencias:
1. La instalación debe ser realizada por un electricista cualificado de acuerdo con la normativa local.
2. Mantenga el aparato fuera del alcance de los niños.
3. Mantenga el aparato alejado del agua, la humedad o el calor.
4. Instale el aparato alejado de fuentes de señal intensa, como un horno microondas, que pueden causar la interrupción de la señal y provocar un funcionamiento anómalo del aparato.
5. La obstrucción por muros de hormigón o materiales metálicos puede reducir el alcance efectivo de funcionamiento del aparato y debe evitarse.
6. NO intente desmontar, reparar o modificar el dispositivo.

Módulo de interruptor inteligente 2Gang

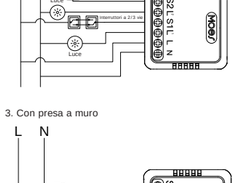
Especificaciones técnicas

Modelo	ZM-104B-M
Tipo de producto	Módulo de interruptor inteligente
Tensión	90-250V AC 50/60Hz
Actual	10A/Gang;Total 10A
Protocolo inalámbrico	zigbee3.0
Temp. de funcionamiento	-10ºC ~ 65ºC
Caso Temp.	Tc: +80ºC (Max.)
Alcance de las operaciones	<70 m
Dims (WxDxH)	40x40x18 mm
Clasificación IP	IP20
Banda de frecuencias	2.405-2.480GHz
Potencia máxima de radio	<+10dBm

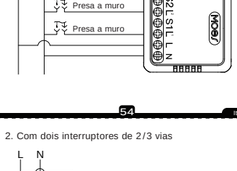
DIAGRAMA DE CABLEADO
Módulo de interruptor inteligente 2Gang

1. Con dos interruptores 1 Gang

2. Con dos interruptores de 2/3 vías



3. Con toma de pared



Descargar la APP MOES

1 Descarga la aplicación MOES en App store o escanea el código QR

GET IT ON Google play

Download on the App Store

La aplicación MOES se ha actualizado para ofrecer una mayor compatibilidad que la aplicación Tuya Smart/Smart Life, y es más funcional para el control de escenas mediante Siri, widgets y recomendaciones de escenas como un servicio personalizado totalmente nuevo.
(Nota: Tuya Smart/Smart Life App sigue funcionando, pero MOES App es muy recomendable)

2 Pasos para conectar la APP al dispositivo

Asegúrate de que el dispositivo se encuentra dentro de la cobertura de señal efectiva de tu pasarela ZigBee inteligente para que la conexión con la pasarela ZigBee en MOES APP se realice correctamente.

Primer método :
Escanea el código QR para configurar la guía de red.
1.Asegúrate de que tu APP MOES se ha conectado correctamente a una pasarela Zigbee

Declaración de conformidad

Por la presente,WENZHOU NOVA NEW ENERGY CO.,LTD declara que el equipo de radio tipo ZM-104B-M cumple con la Directiva 2014/53/UE,2014/35/UE, 2014/30/UE, 2011/65/UE.El texto completo de la declaración de conformidad de la UE está disponible en la siguiente dirección de Internet:
https://www.moestech.com/blogs/news/zm-104b-m

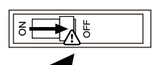
Manuel d'instruction
(Français)

Présentation du produit

Un interrupteur WiFi est un interrupteur qui peut être contrôlé à distance par le biais d'un réseau WiFi. Il peut être utilisé en conjonction avec le système de maison intelligente et peut être contrôlé à distance par l'intermédiaire d'une application de téléphone mobile ou de haut-parleurs intelligents et d'autres appareils, de manière à contrôler commodément divers appareils électriques dans la maison.

Étape 1

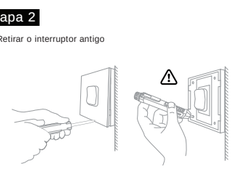
- Mettez le disjoncteur hors tension et utilisez le testeur électrique pour tester l'alimentation.
- Assurez-vous que le disjoncteur est éteint avant de procéder au câblage.



⚠ Attention :
Veuillez débrancher l'alimentation électrique avant d'installer ou de retirer l'appareil afin d'éviter des dommages irréversibles causés par le courant électrique ou des problèmes imprévisibles tels que le clignotement de la lampe.

Étape 2

- Retirer l'ancien interrupteur



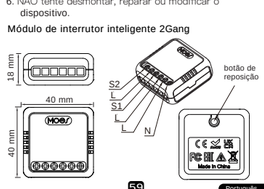
Étape 3

- Retirez l'interrupteur et éloignez-le du mur.
Identifier le fil de ligne/charge (Remarque : la couleur de votre fil peut être différente de celle indiquée dans le manuel).

⚠ Vérifier que l'alimentation est coupée
- Nous vous recommandons de retirer la plaque frontale de l'ancien interrupteur et d'utiliser un testeur électrique pour tester tous les fils connectés à l'interrupteur afin de vous assurer qu'il n'y a pas de tension dans le circuit.
- Il se peut que vous deviez couper plusieurs disjoncteurs.

⚠ Avertissements :
1. L'installation doit être effectuée par un électricien conformément aux réglementations locales.
2. Tenir l'appareil hors de portée des enfants.
3. Conserver l'appareil à l'abri de l'eau, de l'humidité et de la chaleur. chaud.
4. Installez l'appareil à l'écart de sources de signaux puissants, tels que les fours à micro-ondes, qui peuvent entraîner une interruption du signal et un fonctionnement anormal de l'appareil.
5. L'obstruction par un mur en béton ou des matériaux métalliques peut réduire la portée effective de l'appareil et doit être évitée.
6. N'essayez PAS de démonter, de réparer ou de modifier l'appareil.

Module d'interrupteur intelligent 2Gang

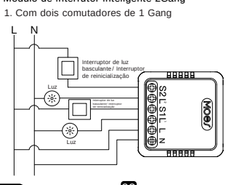


Spécifications techniques

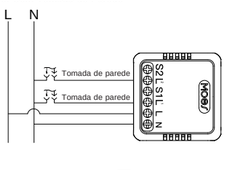
Modèle	ZM-104B-M
Type de produit	Module de commutation intelligent
Tension	90-250V AC 50/60Hz
Actuel	10A/Gang;Total 10A
Protocole sans fil	zigbee3.0
Temp. de fonctionnement	-10ºC ~ 65ºC
Temp. du boîtier	Tc: +80ºC (Max.)
Plage de fonctionnement	<70 m
Dims (WxDxH)	40x40x18 mm
Indice de protection IP	IP20
Bande de fréquence	2.405-2.480GHz
Radio maximale Puissance d'émission	<+10dBm

SCHÉMA DE CÂBLAGE
Module d'interrupteur intelligent 2Gang

1. Avec deux interrupteurs 1 Gang



2. Avec deux interrupteurs à 2/3 voies



3. Avec prise murale

Télécharger l'application MOES

1 Téléchargez l'application MOES sur l'App store ou scannez le code QR

GET IT ON Google play

Download on the App Store

L'application MOES est beaucoup plus compatible que l'application Tuya Smart/Smart Life, elle fonctionne bien pour les scènes contrôlées par Siri, les widgets et les recommandations de scènes en tant que service personnalisé entièrement nouveau.
(Note: L'application Tuya Smart/Smart Life fonctionne toujours, mais l'application MOES est fortement recommandée)

2 Etapes pour connecter l'APP à l'appareil

Assurez-vous que l'appareil se trouve dans la zone de couverture du signal de votre passerelle ZigBee intelligente pour une connexion réussie à la passerelle ZigBee dans MOES APP.

Première méthode :
Scannez le code QR pour configurer le guide du réseau.
1.Assurez-vous que votre MOES APP s'est connecté avec succès à une passerelle Zigbee.

Déclaration de conformité

Par la présente, WENZHOU NOVA NEW ENERGY CO. déclare que l'équipement radio de type ZM-104B-M est conforme à la directive 2014/53/UE, 2014/35/UE, 2014/30/UE, 2011/65/UE.Le texte intégral de la déclaration de conformité de l'UE est disponible à l'adresse suivante adresse internet:
https://www.moestech.com/blogs/news/zm-104b-m

Manuale di istruzioni
(Italiano)

Introduzione al prodotto

Un interruttore WiFi è un dispositivo di commutazione che può essere controllato a distanza attraverso una rete WiFi. Può essere utilizzato in combinazione con il sistema smart home e può essere controllato a distanza tramite APP del telefono cellulare o altoparlanti intelligenti e altri dispositivi, in modo da controllare comodamente vari dispositivi elettrici in casa.

Passo 1

- Spegnere l'interruttore automatico e utilizzare il tester elettrico per verificare l'alimentazione.
- Assicurarsi che l'interruttore automatico sia spento prima di effettuare il cablaggio.

⚠ Attenzione:
Prima di installare o rimuovere il dispositivo, scollegare l'alimentazione per evitare danni irreversibili al dispositivo dovuti alla corrente elettrica o a problemi imprevedibili come il lampeggiamento della lampada.

Passo 2

- Rimuovere il vecchio interruttore

Passo 3

- Rimuovere l'interruttore e staccarlo dalla parete.
Identificare il filo di linea/carico (Nota: il colore del filo potrebbe essere diverso da quello indicato sul manuale).

⚠ Verificare che l'alimentazione sia spenta
- Si consiglia di rimuovere il frontalino del vec