MOES Smart Tuya

Instruction Manual Temperature and Humidity Smart Switch Module

WiFi

English

WORKS WITH Google Assistant

WORKS WITH alexa

WM -103-MS-DD10

- Bitte scannen Sie den QR-Code, um das deutsche Handbuch, das Installationsvideo und die Funktion-Einführung 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
- Türkçeyi kullanmak için, dey uygulaut instrukcjes, filmy instalacyjne i funkcje

من فضلك قم بمسح رمز الاستجابة السريعة (QR) للحصول على دليل المستخدم باللغة العربية وفيديو التركيب وتعريف الوظائف

Thank you for purchasing your smart home product.
Ready to get started?
Download the MOES app to manage your smart home products straight from your phone or tablet.
Easily connect your home to Wi-Fi and control multiple devices with ease, no matter your location.

Product description

MS -103 is an easy- to- use, safe and reliable dual relay output temperature and humidity controller.
It can be used as overtemperature protection and automatic temperature and humidity control for various electric appliances such as equipment for home brew, pet breeding/incubation, terrariums, heat mats, terrestrial heat control, constant temperature cycle of heating pump, culture fermentation, accelerating germination, electric radiator, electric oven,automatic watering,humidification and dehumidification as humidity control system.

Safety information

1.Do not disassemble, reassemble, modify or attempt to repair this product by yourself. This work should be performed by authorized professionals.
2.Product batteries should be recycled and must be recycled or disposed of separately from household waste. Dispose of batteries according to local environmental regulations.

Specifications

Model: MS -103
Input Voltage: 90-250V AC, 50/60Hz
Max. Current: 15A/Gang; Total 15A
Temperature Measurement Range: -40-80 °C / -40-176 ° F
Humidity Measurement Range: 0-99%
Wireless Protocol: Wi -Fi 2.4GHz 802.11 b/g/n
Type of Temperature and Humidity Probe: 3.3- 5.5VDC
Temperature and Humidity Accuracy: ±2%H ±0.5TC
Probe Length: Max. 30 meters available
Frequency Band: 2.412-2.484GHz
Maximum Radio Transmit Power: <+16dBm

Package list

Smart Switch module *1 User Manual *1

Note:

Before installing Smart Life App, please check your home network setting as following:

1.Check your home routers or related: please use 2.4G Wi-Fi network.
Recommend set your 2.4G network and 5G network different names.
2. Your phone is connected with your home 2.4G Wi-Fi network.
3. For stay strong Wi -Fi connection, please keep smart device close to router.
4. Whether connected devices have reached the maximum number of router connections, if so, remove the device from the filter list and make sure that router is not prohibiting device from connection.
5. Please use English and numbers to name your Wi -Fi router. Otherwise the Smart Device may not recognize it when you try to add it into MOES.

Wiring diagram

How to Download 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 workabout MOES APP is highly recommended)

2.Registration or Log in

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 .

Steps for Connecting the APP to the Device

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:

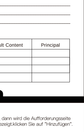
1.Make sure your phone is connected to Wi -Fi and the Bluetooth is enabled.

2.Long press the reset button on the module until indicator flashes for reset.

3.Open MOES App and Click"+",then the prompt page will automatically show on screen.Click "Add".

4.Enter Wi-Fi Password and click "Next",waiting for the connection completed.

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



FAQ

If you cannot add your Smart Device , please check:
1) Whether the Smart Device is powered on.

2) Whether the phone is connected with 2.4GHz Wi -Fi network.

3) Please check routers or related: if your router is dual- band, please select 2.4GHz Wi -Fi network to connect your phone and Smart Plug.

4) Setting up Wi -Fi router: setting encryption method as WPA2- PSK and authentication type as AES, or set both as auto. Wireless mode cannot be 11n only.

5) Please use English and numbers to name your Wi -Fi router. Otherwise our Smart Plug may not recognize it when you try to add it into Smart Life.

6) To stay strong Wi -Fi connection, please keep smart device close to router.

7) Whether connected devices have reached the maximum number of router's connections, if so, please turn off some devices connected to the router and try again.

8) The manual (automatic) mode can be switched only when the temperature and humidity probe is on.

9) The temperature & humidity probe and dual relay output will when the main switch is turned off;And only the temperature and humidity probe will be ON when the main switch is ON.

Control function instructions

1. Heating Mode

When the measured temperature < Low Temperature Value
the controller will enter the heating state, the switch module is on, HEATING output works.
When the measured temperature > High Temperature Value,
the switch module is off and the HEATING output turns off.

2. Cooling Mode

when the measured temperature > High Temperature Value, the controller will enter the cooling state, the switch module is on.
COOLING output works;
when measured temperature <Low Temperature Setting Value, the switch module is off and the COOLING output turns off.

3. Humidifying Mode

When the measured humidityLow Humidity Value the controller **will enter the humidifying state,the switch module is onHUMIDIFYING output works.**
When the measured humidity >High Humidity Value, the switch module is off and the HUMIDIFYING output turns off.

4. Dehumidifying Mode

When the measured humidity >High Humidity Value the controller will enter the dehumidifying state,the switch module is on. DEHUMIDIFYING output works.
When the measured humidity<Low Humidity Value, the switch module is off and the DEHUMIDIFYING output turns off.

Contact us

For any inquiries comments concerning to our products, please do no hesitate to send us email, and we will respond to you as soon as possible.

We appreciate your support!!

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.moesitech.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-103 is in compliance with Directive 2014/53/EU,DS 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.moesitech.com/blogs/news/wm-103

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 disposa ał and recycling will help prevent potential negative consequences for the environment and human health. To find out where these collec tion points are and how they work, contact the installer or your local authority.

Pb Cd Hg

CE approved, compliance with the EU requirements

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

Thank you for your support and purchase at we Moes, we are always here for your complete satisfaction, just feel free to share your great shopping experience with us.

If you have any other need, please do not hesitate to contact us first, we will try to meet your demand.

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CROSS CROSSDIS CROSSDIS GmbH
Mainzer Landstr. 69 ,60329 Frankfurt am Main
Email: crossdis@web.de
Tel: +496932396674
Made in China

EVATOST CONSULTING LTD
Address: Suite 11, First Floor, May Road Business Centre, Taffs Well, Cardiff, Wales, CF15 7QR
Tel: +44-292-1080845
Email: contact@evatmaster.com

Manufacturer:
WENZHOU NOVA NEW ENERGY CO.,LTD
Address: Power Science and Technology Innovation Center, NO.238, Wei 11 Road, Yueqing Economic Development Zone, Yueqing, Zhejiang, China
Tel: +86-577-57188815
After- sale Service: service@moeshouse.com

Bedienungsanleitung (Deutsch)

Produktbeschreibung

MS- 103 ist ein einfach zu bedienender, sicherer und zuverlässiger Temperatur- und Feuchtigkeitsregler mit zwei Ausgängen.Es kann als Übertemperaturschutz und automatisches Temperatur- Feuchtigkeitskontrollsystem für verschiedene elektrische Geräte wie Ausrüstung für Hausbrauen, Haustierzucht, Inkubation, Sämlingsaufnamentan, terrestrische Wärmekontrolle, konstanter Temperaturzyklus der Heizung, Kulturfermentation, Beschleunigung der Keimung, elektrischer Heizkörper, elektrischer Ofen, automatische Bewässerung, Befeuchtung und Entfeuchtung als Feuchtigkeitsklimatisationssystem verwendet werden.

Spezifikation

Modell: MS -103
Eingangsspannung: 90-250V AC, 50/60Hz
Max. Strom: 15A/Gang; Total 15A
Temperaturmessbereich: -40-80 °C / -40-176 ° F
Feuchtemessbereich: 0-99%
Funkprotokoll: Wi -Fi 2.4GHz 802.11 b/g/n
Typ der Temperatur- und Feuchtigkeitssonde: 3.3- 5.5VDC
Temperatur- und Feuchtigkeitsgenauigkeit: ±2%H ±0.5TC
Sondenlänge: Max. 30 dBm verfügbar
Frequenzband: 2.412-2.484GHz
Maximale Funkübertragungsleistung: <+16dBm

Stromlaufplan

Herunterladen der moes App

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 vollkommen kompatibel als die Tuya Smart/Smart Life APP, funktioniert auch für Szene gesteuert durch Siri, Widget und Szenenempfehlungen als der völlig neue, maßgeschneiderte Service. (Hinweis: Die Tuya Smart/Smart Life APP funktioniert weiterhin, aber die MOES APP wird dringend empfohlen.)

Schritte zum Verbinden der APP mit dem Gerät

1. Vergewissern Sie sich, dass Ihr Telefon mit Wi-Fi verbunden ist und Bluetooth aktiviert ist.
2. Drücken Sie den Reset -Knopf am Modul so lange, bis die Anzeige flackt für Zurücksetzen.

3. Moes App öffnen und auf "+" klicken, dann wird die Aufforderungsseite automatisch auf dem Bildschirm angezeigt.Klicken Sie auf "Hinzufügen"

4. Geben Sie das Wi-Fi-Passwort ein und klicken Sie auf "Weiter", bis die Verbindung hergestellt ist abgeschlossen.

5. fügen Sie das Gerät entsprechend hinzu, Sie können den Namen des Geräts bearbeiten, um die Gerätseite aufrufen, indem Sie auf "Weiter" klicken.

Konformitätserklärung

Hiermit,WENZHOU NOVA NEW ENERGY CO., LTD erklärt, dass Die Funkgeräte vom Typ WM -103 entsprechen den Richtlinien 2014/53/EU,2014/35/EU, 2014/30/EU, 2011/65/EU. Die volle Der Text der EU -Konformitätserklärung ist unter folgender Internetadresse abrufbar:
https://www.moesitech.com/blogs/news/wm -103

Manuel d'installation (Français)

Description du produit

Le MS - 103 est un contrôleur de température et d'humidité à double sortie de mode facile à utiliser, sûr et fiable.Il peut être utilisé comme système de protection contre la surchauffe et de contrôle automatique de la température et de l'humidité pour divers appareils électriques, tels que le brassage à domicile, l'élevage d'animaux domestiques, l'incubation, les terrariums, le chauffage du sol, le contrôle thermique terrestre, le cycle de température constante de la pompe de chauffage, la fermentation de la culture, la germination accélérée, le radiateur électrique, le four électrique, l'arrosage automatique, l'humidification et la déshumidification, etc. comme système de contrôle

Catégories spéciales

Modèle: MS -103
Tension d'entrée: 90- 250V AC, 50/60Hz
Courant de sortie maximal: 15A/Gang; Total 15A
Plage de mesure de température: -40-80 °C / -40-176 ° F
Gamme de mesure d'humidité: 0-99%
Protocole sans fil: Wi-Fi 2.4GHz 802.11 b/g/n
Type de sonde de température et d'humidité: 3.3- 5.5VDC
Précision de la température et de l'humidité: ±2%H ±0.5TC
Longueur de la sonde: Max. 30 instruments disponibles
Bande de fréquences: 2.412-2.484GHz
Puissance maximale d'émission radio: <+16dBm

Schéma de câblage

Comment 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 plus compatible que l'application Smart Life de Tuya Smart / Life APP, fonctionne bien pour les scènes contrôlées par Siri, les widgets et les Les widgets et les recommandations de scènes constituent un service personnalisé entièrement nouveau.
(Note : Tuya Smart / Smart Life APP fonctionne toujours, mais MOES APP est fortement recommandé)

Etapes pour connecter l'APP à l'appareil

1. assurez-vous que votre téléphone est connecté au Wi- Fi et que le Bluetooth est Bluetooth est activé.
2. appuyez longuement sur le bouton de réinitialisation du module jusqu'à ce que l'indicateur flash pour la réinitialisation.

3. Ouvrez l'application Moes et cliquez sur "+", la page d'accueil s'affichera automatiquement à l'écran.Cliquez sur "Ajouter".

4. entrez le mot de passe Wi-Fi et cliquez sur "Next", en attendant que la connexion soit terminée.

5. ajouter l'appareil avec succès, vous pouvez modifier le nom de l'appareil pour entrer dans la page de l'appareil en cliquant sur "Next" entrer dans la page de l'appareil en cliquant sur "Next"

Déclaration de conformité

Wenzhou Novarris New Energy Co., Ltd., Déclaration Ltd Les équipements radio de type WM - 103 sont conformes aux directives 2014 / 53 / UE,2014 / 35 / UE, 2014 / 30 / UE, 2011 / 65 / UE. Complet Le texte de la déclaration UE de conformité est disponible à l'adresse suivante : https://www.moesitech.com/blogs/news/wm-103

Manual de instalación (Español)

Descripción del producto

El MS - 103 es un controlador de temperatura y humedad de salida de doble rele fácil de usar, seguro y confiable. Se puede utilizar como protección de temperatura excesiva y sistema automático de control de temperatura y humedad para diversos electrodomésticos, como cerveza doméstica, cría de mascotas, incubación, almacéndia terrestre de plántulas, control geotérmico, ciclo de temperatura constante de la bomba de calefacción, fermentación de cultivo, germinación acelerada, radiadores eléctricos, hornos eléctricos, riego automático, humidificación y deshumidificación como sistema de control de humedad.

Especificaciones

Modelo: MS -103
Tensión de entrada: 90- 250V AC, 50/60Hz
Corriente máxima de salida: 15A/Gang; Total 15A
Rango de medición de temperatura: -40-80 °C / -40-176 ° F
Rango de medición de la humedad: 0-99%
Protocolo inalámbrico: Wi- Fi 2.4GHz 802.11 b/g/n
Tipo de sonda de temperatura y humedad: 3.3- 5.5VDC
Precisión de temperatura y humedad: ±2%H ±0.5TC
Longitud de la sonda: Max. 30 instrumentos disponibles
Banda de frecuencia: 2.412-2.484GHz
Potencia máxima de transmisión de radio: <+16dBm

Esquema eléctrico

Cómo descargar moes App

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

GET IT ON Google Play

Download on the App Store

MOES APP es actualizada como mucho más compatibilidad que Tuya Smart/ Smart Life APP, funcional bien para la escena controlada por Siri, widget y recomendaciones de escena como el servicio personalizado totalmente nuevo.
(Nota: Tuya Smart / Smart Life APP todavía funciona, pero MOES APP es muy recomendado)

Pasos para conectar la APP al dispositivo

1. Asegúrese de que el teléfono está conectado a Wi-Fi y el Bluetooth está activado.
2. Mantenga pulsado el botón de reinicio del módulo hasta que el indicador flashes para reset.

3. Abra la aplicación Moes y haga clic en "+".Haga clic en "Añadir".

4. Introduzca la contraseña Wi-Fi y haga clic en "Siguiente",a la espera de la conexión se completa.

5. Añada el dispositivo correctamente, puede editar el nombre del dispositivo para entrar en la página del dispositivo haciendo clic en "Siguiente".

Declaración de conformidad

Wenzhou Novarris New Energy co., Ltd. Declaración Ltd Los equipos de radio WM - 103 cumplen con las directivas 2014 / 53 / ue, 2014 / 35 / ue, 2014 / 30 / ue, 2011 / 65 / ue. Completo El texto de la Declaración de coherencia de la UE se puede obtener en el siguiente sitio web: https://www.moesitech.com/blogs/news/wm-103

Istruzioni per l'uso (Italiano)

Descrizione del prodotto

MS -103 è un regolatore di temperatura e umidità a doppio relè facile da usare, sicuro e affidabile. Può essere utilizzato come protezione da sovratemperatura e sistema automatico di controllo di umidità e temperatura per vari apparecchi elettrici quali attrezzature per la birra domestica, l'allevamento dell'animale domestico, l'incubazione, stuoie di calore della pianima, il controllo del calore terrestre, ciclo di temperatura costante della pompa di riscaldamento, fermentazione della coltura, germinazione accelerata, radiatore elettrico, forno elettrico, irrigazione automatica, umidificazione e deumidificazione come sistema di controllo dell'umidità.

Specifiche

Modello: MS -103
Tensione di ingresso: 90- 250V AC, 50/60Hz
Max. corrente: 15A/Gang; Total 15A
Intervallo di misurazione della temperatura: -40-80 °C / -40-176 ° F
Intervallo di misurazione dell'umidità: 0-99%
Protocollo wireless: Wi- Fi 2.4GHz 802.11 b/g/n
Tipo di sonda di temperatura e umidità: 3.3- 5.5VDC
Precisione di temperatura e umidità: ±2%H ±0.5TC
Lunghezza sonda: Max. 30 contatori disponibili
Banda di frequenza: 2.412-2.484GHz
Potenza massima di trasmissione radio: <+16dBm

Schema di cablaggio

Come scaricare l'applicazione moes

1. Scaricare l'applicazione MOES su App Store o scansionare il codice QR

GET IT ON Google Play

Download on the App Store

MOES APP è aggiornato come molto più compatibilità di Tuya Smart/ Smart Life APP, funzionale per la scena controllata da Siri, widget e i consigli per le scene.raccomandazioni di scena come servizio personalizzato completamente nuovo.
(Nota: l'applicazione Tuya Smart/Smart Life funziona ancora, ma l'applicazione MOES è altamente raccomandata)

Procedura per il collegamento dell'APP al dispositivo

1. Assicurarsi che il telefono sia collegato al Wi-Fi e che il Bluetooth sia attivato.
2. Premere a lungo il pulsante di reset sul modulo fino a quando l'indicatore lampeggia per il reset.

3. Apri l'applicazione moes e fare clic su "+", quindi la pagina di richiesta verrà visualizzata automaticamente sullo schermo.automaticamente sullo schermo.Fare clic su "Aggiungi".

4. Inserire la password Wi-Fi e fare clic su "Avanti", in attesa che la connessione sia completata.

5. Aggiunto il dispositivo con successo, è possibile modificare il nome del dispositivo per accedere alla pagina del dispositivo facendo clic su "Avanti".

Dichiarazione di conformità

Con questo, WENZHOU NOVA NEW ENERGY CO., LTD dichiara che l'apparecchiatura radio tipo WM -103 è conforme alla direttiva 2014/53/UE,2014/35/UE, 2014/30/UE, 2011/65/UE. The full Il testo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: https://www.moesitech.com/blogs/news/wm-103

Istruzioni per l'uso (Português)

Descrição do produto

MS- 103 é um controlador de temperatura e umidade de saída de relé duplo fácil de usar, seguro e confiável.Pode ser usado como proteção contra sobretemperatura e sistema automático de controle de temperatura e umidade para vários aparelhos elétricos, tais como equipamentos para cervejaria doméstica, criação de animais de estimação, incubação, tapetes de calor da plântulas, controle de calor terrestre, ciclo de temperatura constante da bomba de aquecimento, fermentação de cultura, aceleração da germinação, radiador elétrico, forno elétrico, rega automática, humidificação e desumidificação como sistema de controle de umidade.

Fichas especificas

Modelo: MS -103
Tensão de entrada: 90-250V AC, 50/60Hz
Max. Actual: 15A/Gang; Total 15A
Intervalo de medição da temperatura: -40-80 °C / -40-176 ° F
Intervalo de medição da humidade: 0-99%
Protocolo Sem Fios: Wi- Fi 2.4GHz 802.11 b/g/n
Tipo de sonda de temperatura e umidade: 3.3- 5.5VDC
Precisão da temperatura e da humidade: ±2%H ±0.5TC
Comprimento da sonda: Max. 30 dentes disponíveis
Faixa de Frequência: 2.412-2.484GHz
Potência máxima de transmissão de rádio: <+16dBm

Diagrama da fação

Como Transferir a Aplicação Moes

1. Baixe MOES App no App Store ou digitalize o código QR

GET IT ON Google Play

Download on the App Store

MOES APP é atualizado como muito mais compatibilidade do que Tuya Smart/Smart Life APP, bem funcional para cena controlada por Siri, widgets e recomendações de cena como o serviço personalizado totalmente novo.
(Nota: Tuya Smart / Smart Life APP ainda funciona, mas MOES APP é altamente recomendado)

Passos para conectar o APP ao dispositivo

1.Certifique-se de que o telefone está ligado ao Wi-Fi e o Bluetooth está ativado.
2.Pressione longamente o botão de reset no módulo até que o indicador piscar para reset.

3.Abra moes App e clique "+", então a página do prompt será exibida automaticamente na tela. Clique em "Adicionar".

4.Digite a senha Wi-Fi e clique em "Next", esperando a conexão concluída.

5.Adicione o dispositivo com sucesso, você pode editar o nome do dispositivo para entrar na página do dispositivo clicando em "Avançar".

Declaração de conformidade

WENZHOU NOVA NEW ENERGY CO., LTD declara que O equipamento de rádio tipo WM -103 está em conformidade com as Diretivas 2014/53/UE,2014/35/UE, 2014/30/UE e 2011/65/UE. O total O texto da declaração UE de conformidade está disponível no seguinte endereço internet:
https://www.moesitech.com/blogs/news/wm-103