Fusion Series(Orb-RBS)—Influencer Creation Guide

Introduction

A smart roller shutter wall switch that supports a maximum current of 1A for the motor as a load. It not only supports WiFi remote control but is also compatible with the Matter platform, enabling seamless integration with various smart home systems. Simply connect the device to the switch and motor correctly to easily upgrade regular electric curtains into a smart system.

Product Name	SONOFF Matter Over WiFi Smart Roller Shutter Wall Switch
Product Model	MINI–RBS–E

Highlights

- **Matter Compatibility**: This curtain retrofit device ensures compatibility with multiple platforms and

their devices, breaking down the ecological barriers with third–party platforms.

> *Notice:*
>
> *The product supports Matter platforms like Apple Home, Google Home, Alexa, Home Assistant, and Samsung SmartThings. Percentage control is available on Apple Home, Google Home, and Alexa, while other platforms only support basic curtain functions (open, close, pause).*

- **Precise Percentage Adjustment**: Control indoor lighting according to your needs, enhancing comfort and energy efficiency while adapting flexibly to different scenarios.
- **Scheduled Curtain Operation**: Set specific times for curtain opening and closing based on your routines, enhancing convenience in daily life.
- **Direction Reverse:** When the motor wiring is reversed, there is no need to rewire. Simply activate this feature to reverse the rotation direction and ensure the equipment operates normally.

Specification

Product name	Orb–RBS
Product series	Fusion series
Product type	Matter over WiFi smart roller shutter wall switch
Model	MINI–RBS–E
MCU	ESP32
Rating	100–240V~ 50/60Hz 1A Max (M)
Wi–Fi	IEEE 802.11b/g/n 2.4GHz
Net weight	84.7g
Product dimension	86x86x34mm
Color	White
Casing material	PC
Diameter of wiring(recommend)	18AWG to 14AWG SOL/STR copper conductor only

Applicable place	Indoor
Working temperature	10T40 (−10℃~40℃)
Working humidity	5−95%RH, non−condensing
Certification	CE/RoHS

Key Features

eWeLink Platform

> *Notice:*
>
> The functionality here specifically refers to the capabilities available after pairing the device with the eWeLink APP. If the device is paired with Alexa, Google Home, or any other Matter platform, please refer to the [Matter Platform] section for details.

Device Home Page Functions	
Key Features	**Feature Description**
Open/Close Device	To control the curtain with open/close/pause
Preset Status Mode	Shortcut of the custom preset curtain status • 3 preset modes
Smart Timer	• Scheduled On/Off. • Countdown Timer. • Recurring on−off loops.

Device Settings	
Key Features	**Feature Description**

Assign Location		Set up the home and room where the device is located.
Share Device		The device can be shared with other eweLink accounts.
Smart Scene		- Trigger condition: open/close/power value/daily power consumption / monthly power consumption. - Execution action: open/close/reverse.
Third-party Platforms *(Add the device to the eWeLink app via the SONOFF gateway, then sync it to the corresponding third-party platform through account linking.)*	**Alexa**	app control(Percentage Control) & voice control(Open/Close)
	Google Home	app control(Percentage Control) & voice control(Open/Close)
	SmartThings	app control(Open/Pause/Close/Percentage Control) & voice control(Open/Close)
	Apple Home	app control(Percentage Control) & voice control(Open/Close)
	Home Assistant	app control(Open/Pause/Close/Percentage Control) & voice control(Open/Close)
	IFTTT	voice control(open/close)
	Alice	voice control(Open/Close)
	Salute	voice control(Open/Close)

Group Control	Create a group consisting of one or multiple devices of the same type to enable synchronous control for all devices within the group.

LAN Control	A control method where the app communicates directly with the device over the same router, without going through the cloud platform. • On/Off
eWelink–Remote Control	If you have also purchased the SONOFF R5, you can add it as a "sub–device" to the MINI–RBS. By using the "Scene Function" in the eWeLink app, the two devices can be linked, allowing the Sonoff R5 to function as a convenient wireless remote controller.
Push Notifications	Push the device's on/off status and power consumption to the user.
Offline Alert	When this feature is enabled, the device will notify the user if it remains offline for more than 5 minutes.
Logs	Records of device status changes. (You can view the operation records of the past three months).
Extra Time	Prolonged use may cause hardware errors, leading to position control deviation. Adjusting the "Extra time" helps correct this and improves the accuracy of percentage control.
Move Direction	Quickly swap the forward and reverse line ports, and easily correct the direction of the curtain movement without disconnecting the wiring.
Curtain/Blind Type	Select a curtain icon based on the actual application scenario.
Switch Mode	Select a matching switch mode for your connected device.

Automatic Updates	When the latest firmware is available for upgrade, the device can be automatically upgraded within a custom time

Matter Platform

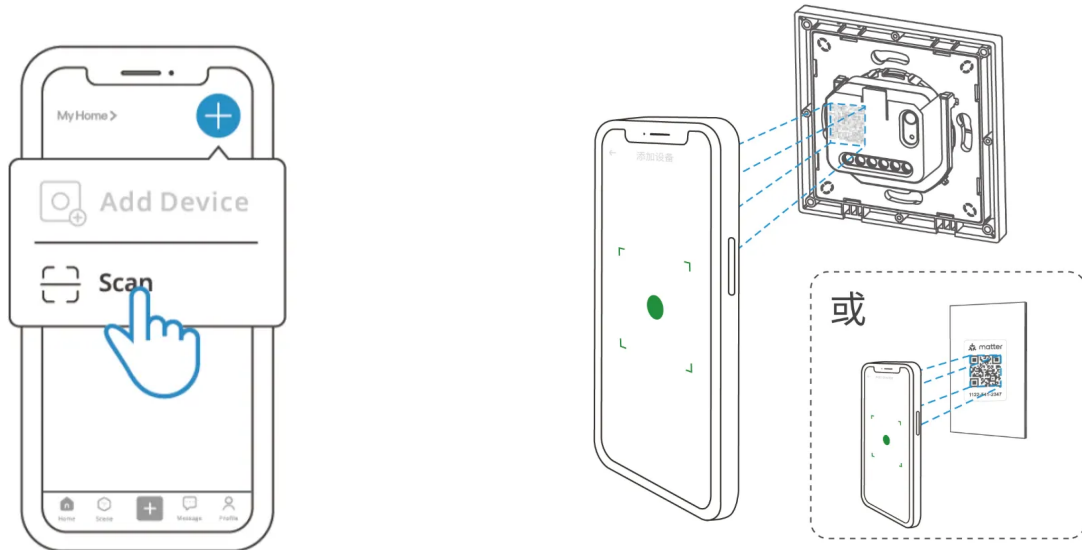| Platforms and Capabilities	Apple Home	Google Home	Alexa	SmartThings	Home Assistant	Tuya
Travel Calibration	√	√	√	√	√	√
Percentage Control	√	√	√	√	√	√
Open/Close/Pause Button	×	×	×	√	√	√

Notes Before Use

Motor Requirements

The user must have an electric roller shutter at home and will need to retrofit it to upgrade it to a smart roller shutter.
① The motor used for the electric roller shutter must have a current of **less than 1A**.
② Motor power supply: **AC (100~240V)**.
③ The motor shall be a **4–wire or 5–wire AC motor** (including neutral, forward, reverse, and ground wires) with a built–in **forward/reverse rotation limiter**.
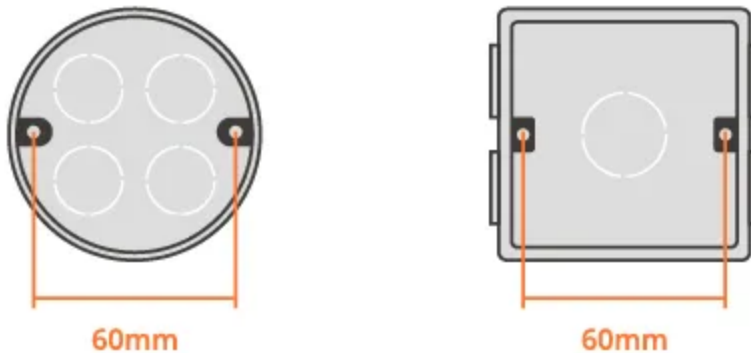
Use Manual

You can scan the QR code on the device's body through the app, and then follow the instructions in the electronic manual to complete the device setup.

If the device body does not have a QR code, you can refer to the product manual through the following link to proceed: https://sonoff.tech/en-de/pages/user-manual

FAQ

1. What type of junction box is the Orb-MW1 compatible with?

60mm   60mm

2. Can the motor run continuously in the same direction?

No. The motor should not operate in a single direction for more than 2 minutes. To prevent overheating and damage, the device will automatically enter a stop state after exceeding this time limit.

3. What is Matter, and why is it important?

Matter is a new smart home connectivity standard that enables devices from different brands and ecosystems (like Apple HomeKit, Google Home, Amazon Alexa, SmartThings, etc.) to work

together seamlessly. Orb–MW1 supports Matter, allowing easy integration and cross–platform control.

4. Does Orb–RBS require a neutral wire?

Yes. Orb–MW1 requires a neutral wire for proper installation and operation.

5. Which apps or ecosystems is Orb–RBS compatible with?

With Matter support, it works with:

- Apple Home
- Google Home
- Amazon Alexa
- Home Assistant
- Samsung SmartThings

Troubleshooting

1. Why does the app show the device as offline after clicking "Enable Pairing Mode"?

After enabling Pairing Mode in the eWeLink app, the device enters Network Pairing Mode (indicated by a "two short, one long" LED pattern) and shows as "Offline." Short–press the device button to restore "Online" status.

2. Device not showing up during Matter pairing.

- Make sure the device is in pairing mode.
- Make sure your mobile device and Orb–RBS are on the same 2.4GHz Wi–Fi.
- Update the app and OS of your phone and smart home hub.

3. Device isoffline or not responding in the app.

- Check if the Wi–Fi network is working normally.
- Reboot your router and the Orb–RBS.
- If needed, reset the device and re–pair it.

4. Can't control Orb–RBS from the voice assistant.

- Make sure the device appears and is controllable in your Matter hub app.
- Re–link the service in your assistant app.
- Check if the Internet is working properly.