meross MRS100(EU)

Meross Smart WiFi Roller Shutter Switch User Manual

Model: MRS100(EU) | Brand: meross

1. Important Safety Information

Please read and understand all safety instructions before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Neutral Wire Required:** This device requires a neutral wire for proper installation and operation. If your electrical box does not have a neutral wire, consult a qualified electrician.
- Ensure the power supply is turned OFF at the circuit breaker before performing any electrical work.
- Installation should be performed by a qualified electrician or a person with a thorough understanding of electrical wiring.
- Do not install with wet hands or when standing on wet or damp surfaces.
- Operate the device within its specified electrical ratings (240 Volts, 5 Amps).
- Keep the device away from water, moisture, and high temperatures.

2. Product Overview

The Meross Smart WiFi Roller Shutter Switch allows you to control your motorized window blinds or curtains remotely via the Meross app, voice commands, or directly from the touch panel. It offers precise percentage control and scheduling capabilities.

2.1 Package Contents

- 1 x Meross Smart WiFi Roller Shutter Switch
- Mounting Screws (if applicable, not explicitly listed but standard)
- User Manual (this document)

2.2 Device Layout



Image: The Meross Smart WiFi Roller Shutter Switch (white, square, with up, down, and stop touch buttons) shown next to a smartphone displaying the Meross app interface for controlling roller shutters, indicating current position and full open/close options.

The switch features a sleek touch panel with dedicated buttons for UP, DOWN, and STOP functions. The central button also serves as a status indicator and pairing button. The device is designed for in-wall installation.

3. Installation Guide

Before beginning installation, ensure you have the necessary tools: screwdriver, wire strippers, and voltage tester.

3.1 Wiring Diagram

1. **Turn off power:** Locate your circuit breaker and turn off the power to the switch you are replacing. Verify power is off using a voltage tester.
2. **Remove old switch:** Carefully remove the existing roller shutter switch from the wall box.
3. **Identify wires:** Identify the Live Wire (usually brown or black), Neutral Wire (usually blue), Up Wire (for opening the shutter), and Down Wire (for closing the shutter).

4. **Connect Meross switch:** Connect the wires to the corresponding terminals on the Meross switch as shown in the diagram below. Ensure all connections are secure.
5. **Mount switch:** Gently push the Meross switch into the wall box and secure it with the provided screws. Attach the faceplate.
6. **Restore power:** Turn the power back on at the circuit breaker.

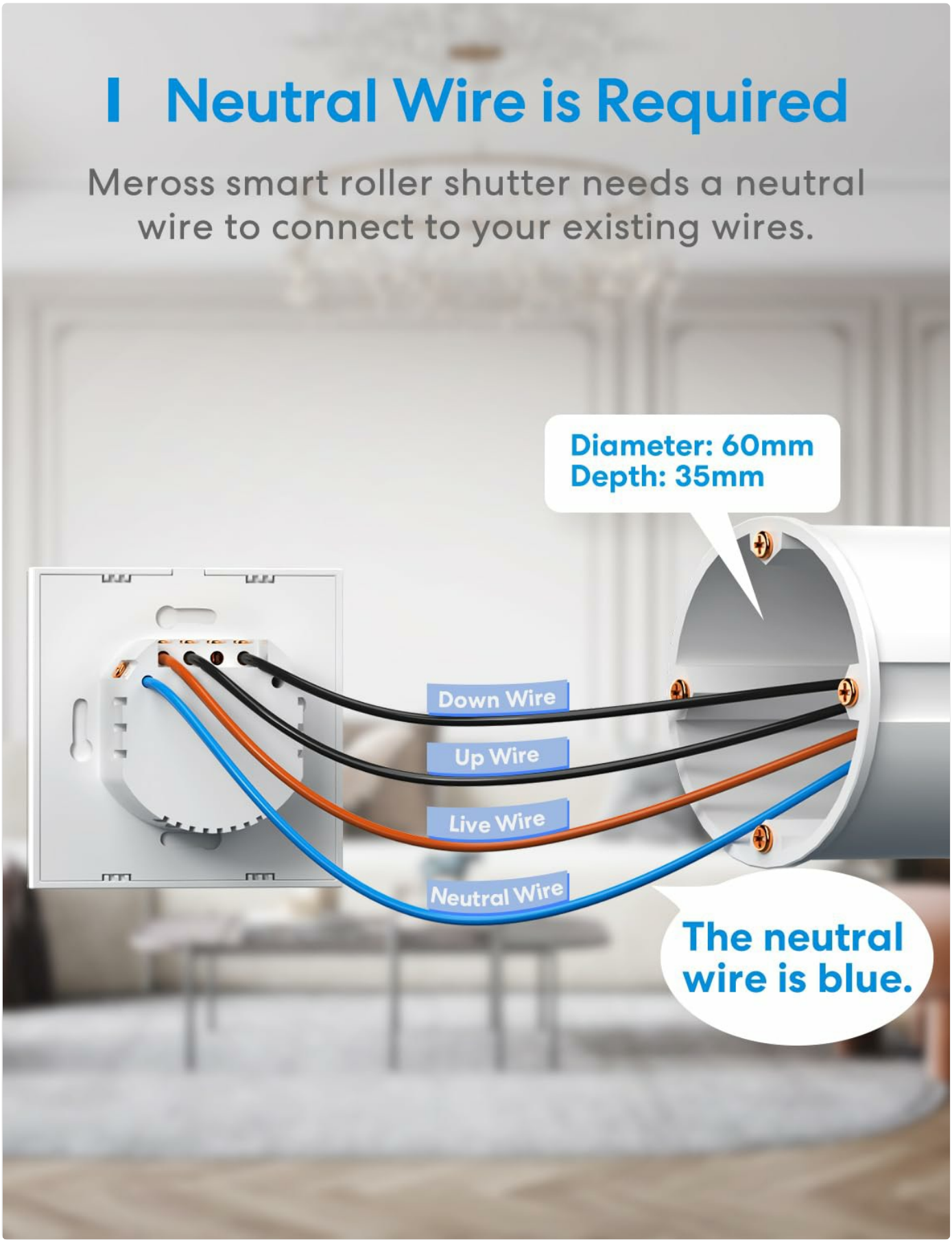


Image: A detailed wiring diagram showing the Meross Smart WiFi Roller Shutter Switch connected to a roller shutter motor. Wires are labeled: Down Wire (black), Up Wire (black), Live Wire (orange), and Neutral Wire (blue). The diagram emphasizes that a neutral wire is

required.

The Meross smart roller shutter switch requires a neutral wire to connect to your existing wires. The wall box should have a diameter of 60mm and a depth of 35mm for proper fit.

4. Setup and App Pairing

After successful installation, follow these steps to connect your Meross Smart WiFi Roller Shutter Switch to the Meross app.

1. **Download Meross App:** Scan the QR code on the product packaging or search for "Meross" in the Apple App Store or Google Play Store.
2. **Create Account:** Open the Meross app and create a new account or log in to your existing account.
3. **Add Device:** Tap the "+" icon in the top right corner of the app to add a new device. Select "Shutter Switch" from the device list.
4. **Pairing Mode:** Follow the in-app instructions to put the switch into pairing mode. This usually involves pressing and holding the central button until the LED indicator blinks.
5. **Connect to Wi-Fi:** The app will guide you to connect the switch to your 2.4GHz Wi-Fi network. Ensure your phone is also connected to the same 2.4GHz network during setup.
6. **Device Calibration:** The app will prompt you to calibrate the shutter. This process allows the switch to learn the full open and close positions of your roller shutter for precise percentage control.

Note: Apple HomeKit, Tuya, and Smart Life are NOT supported by this specific model.

5. Operating Instructions

5.1 Manual Control

- Press the **UP arrow** button to open the roller shutter.
- Press the **DOWN arrow** button to close the roller shutter.
- Press the **central circle** button to stop the roller shutter at its current position.

5.2 App Control and Percentage Adjustment

The Meross app provides comprehensive control over your roller shutter, including precise percentage adjustment.

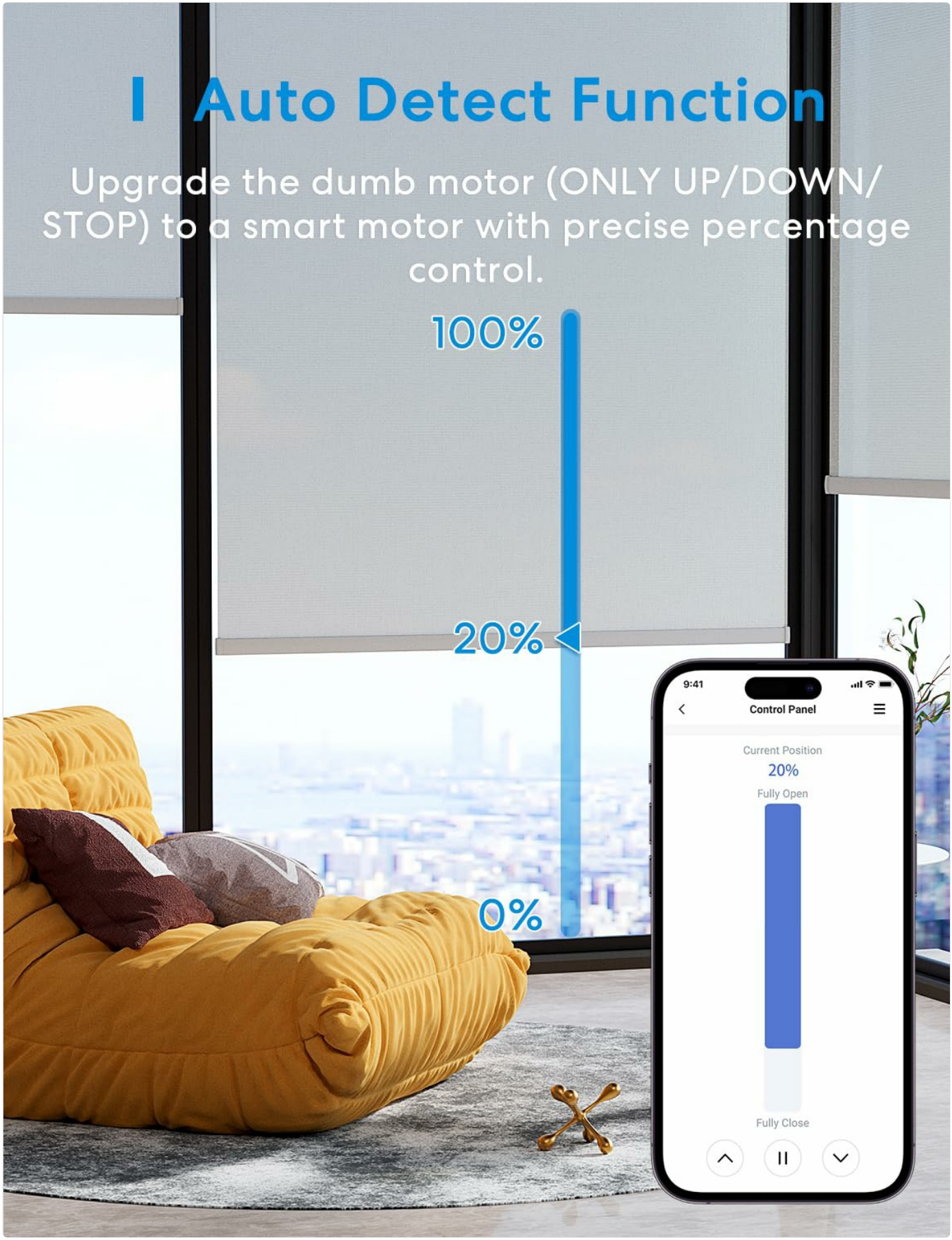


Image: A smartphone screen displaying the Meross app's control panel for roller shutters. A vertical bar indicates the current position (e.g., 20% open), with markers for 0% (fully closed) and 100% (fully open). This illustrates the auto-detect function and precise percentage control.

After calibration, you can use the Meross app to set the roller shutter to any desired percentage of openness, from 0% (fully closed) to 100% (fully open). This feature allows for fine-tuning of light and privacy.

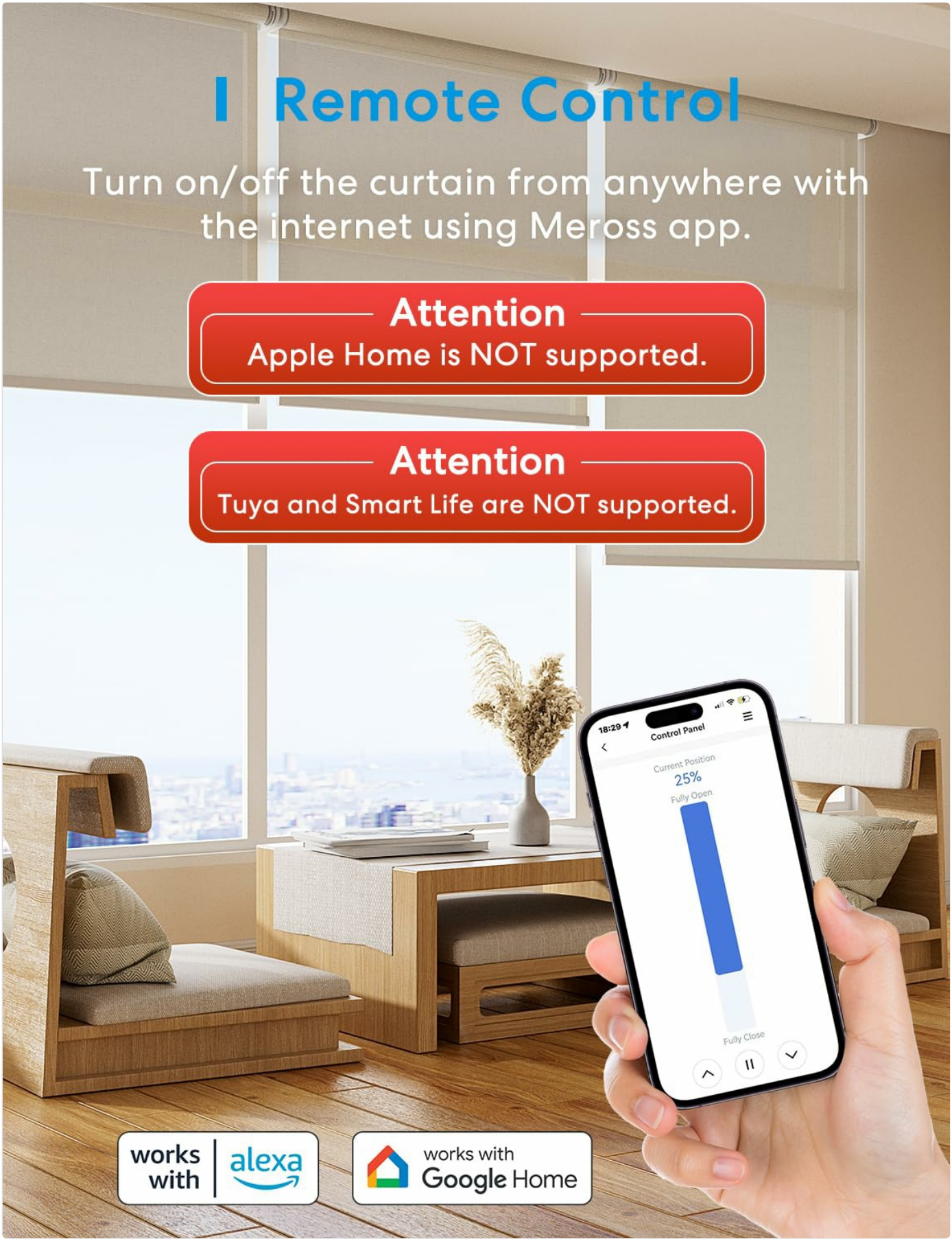


Image: A hand holding a smartphone displaying the Meross app, with a roller shutter in the background. The image highlights the ability to remotely control the shutter from anywhere with an internet connection.

The remote control feature allows you to operate your roller shutters from anywhere with an internet connection using the Meross app on your smartphone or tablet.

5.3 Voice Control

The Meross Smart WiFi Roller Shutter Switch is compatible with Amazon Alexa and Google Assistant, allowing for convenient voice control.

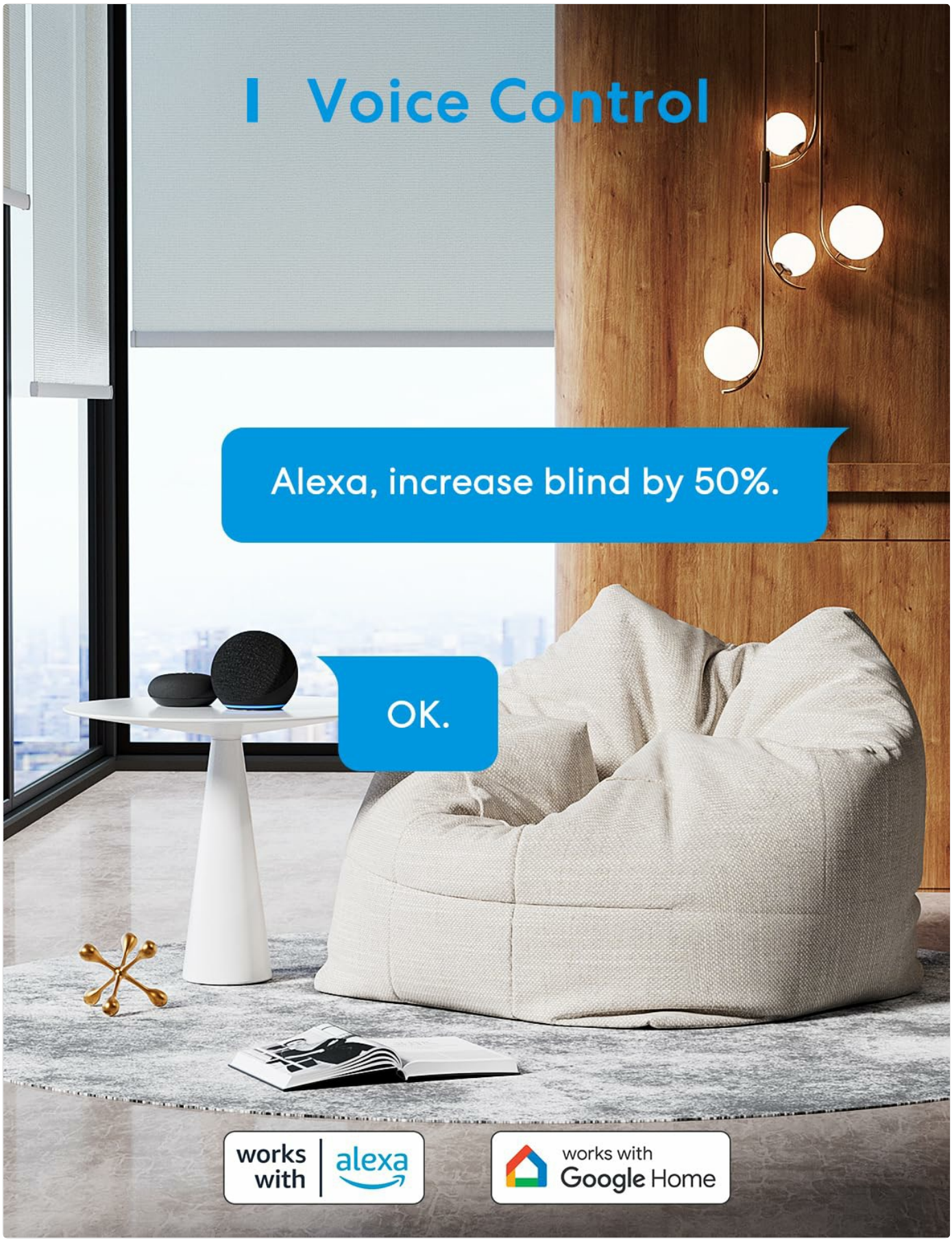


Image: A person interacting with an Alexa device, with a speech bubble showing "Alexa, increase blind by 50%." and a response "OK.". This demonstrates the voice control capability of the Meross switch with smart assistants.

To enable voice control, link your Meross account within the Alexa or Google Home app. Once linked, you can use commands

such as:

- "Alexa, open [Shutter Name]."
- "Hey Google, close [Shutter Name]."
- "Alexa, set [Shutter Name] to 50%."

5.4 Scheduling and Timer Functions

Automate your roller shutters by setting schedules and timers through the Meross app.

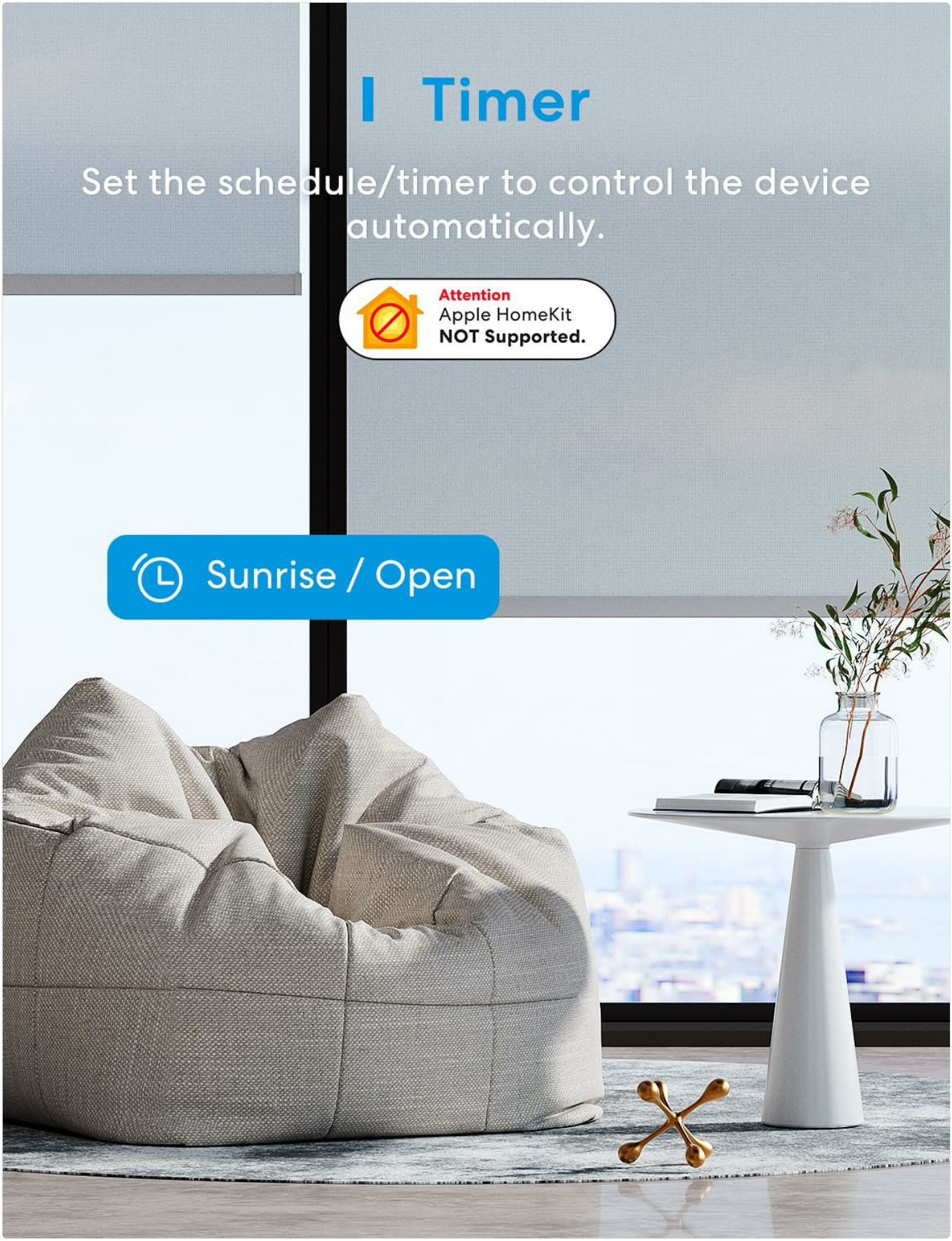


Image: A smartphone screen displaying the Meross app's timer settings, with an option for "Sunrise / Open" highlighted. This illustrates the ability to set automated schedules for opening or closing roller shutters based on time or sunrise/sunset.

You can create custom schedules for your roller shutters to open or close at specific times, or based on sunrise/sunset. This feature enhances convenience and energy efficiency.

5.5 Backlight Function

The LED backlight on the switch can be turned on or off via the Meross app, allowing you to adjust its visibility, especially in bedrooms or dark environments.



Image: A smartphone displaying the Meross app's device settings, with an "LED" toggle switch in the "ON" position. Next to it, the Meross switch is shown with its backlight illuminated, indicating the feature is active.



Image: A smartphone displaying the Meross app's device settings, with an "LED" toggle switch in the "OFF" position. Next to it, the Meross switch is shown with its backlight off, indicating the feature is inactive, suitable for dark rooms.

6. Troubleshooting

Problem	Possible Cause	Solution
Device cannot connect to Wi-Fi.	Incorrect Wi-Fi password, 5GHz Wi-Fi network, weak signal, or device too far from router.	Ensure you are entering the correct 2.4GHz Wi-Fi password. Verify your router is broadcasting a 2.4GHz network. Move the switch closer to your Wi-Fi router or consider a Wi-Fi extender. Restart your router and try pairing again.

Problem	Possible Cause	Solution
Roller shutter does not respond to commands.	No power to the switch, incorrect wiring, or motor issue.	Check the circuit breaker to ensure power is on. Verify all wiring connections are secure and correct (Live, Neutral, Up, Down). Ensure the roller shutter motor is functioning correctly.
Percentage control is inaccurate.	Calibration issue.	Recalibrate the roller shutter through the Meross app settings.
Voice control not working.	Meross account not linked, incorrect device name, or internet connectivity issue.	Ensure your Meross account is correctly linked in the Alexa or Google Home app. Use the exact device name configured in the Meross app. Check your internet connection.

7. Specifications

Feature	Detail
Model Number	MRS100(EU)
Dimensions (L x W x H)	8 x 8 x 3.5 cm (3.15 x 3.15 x 1.38 inches)
Weight	136 grams (0.3 lbs)
Input Voltage	240 Volts AC
Current Rating	5 Amps
Operating Mode	ON-OFF-ON
Connectivity	Wi-Fi (2.4GHz only)
Material	Plastic
Compatibility	Amazon Alexa, Google Assistant, SmartThings (via Meross app)

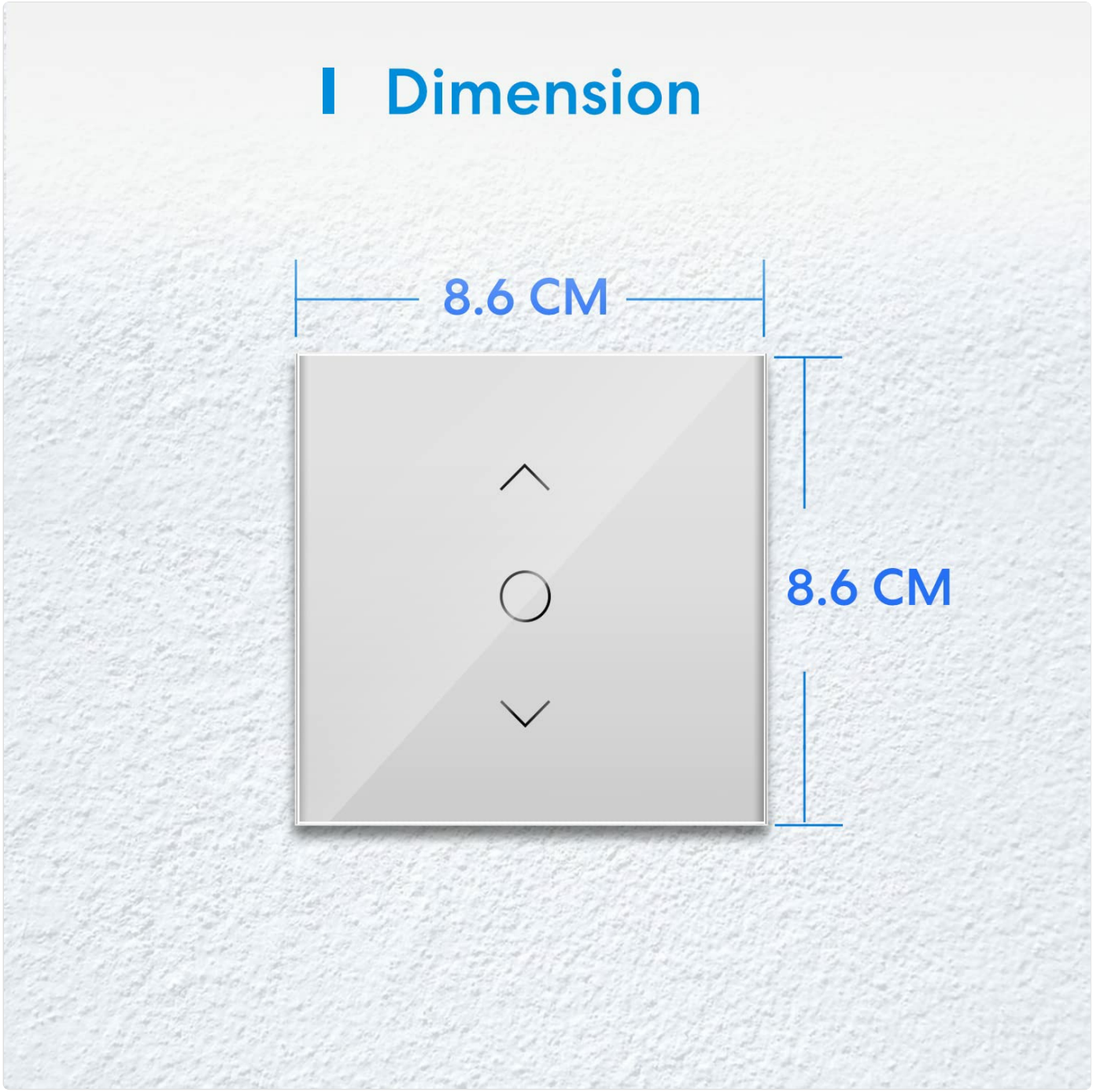


Image: A diagram showing the dimensions of the Meross Smart WiFi Roller Shutter Switch, indicating it is 8.6 cm by 8.6 cm.

8. Warranty and Support

Meross products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Meross website.
For technical support, troubleshooting assistance, or any inquiries regarding your Meross Smart WiFi Roller Shutter Switch, please contact Meross Customer Support:

- **Official Website:** www.meross.com
- **Email Support:** Refer to the Meross app or website for the most current support email address.

Please have your product model number (MRS100(EU)) and purchase information ready when contacting support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question