MOES WS-EUR-C

MOES WiFi WS-EUR-C Intelligent Touch Panel Roller Blind Switch User Manual

Model: WS-EUR-C

1. INTRODUCTION

The MOES WiFi WS-EUR-C Intelligent Touch Panel Roller Blind Switch provides versatile control for motorized roller blinds and curtains. This device supports manual touch control, RF remote control, voice commands via smart assistants, and intelligent control through the Smart Life/Tuya App. It allows for flexible operation and integration into smart home systems.

2. SAFETY INFORMATION

Warning: Electrical installation should only be performed by a qualified electrician. Ensure power is disconnected before installation to prevent electric shock.

- Always disconnect power at the circuit breaker before installing or servicing the switch.
- Ensure the switch is installed in a dry environment, away from moisture.
- Do not exceed the maximum load rating of 2.5A / 500W.
- Verify all wiring connections are secure and correct according to the wiring diagram.
- This device is designed for indoor use only.

3. PRODUCT SPECIFICATIONS

Feature	Specification
Model Number	WS-EUR-C
Dimensions (LxWxH)	8.5 x 8.5 x 3.5 cm
Material	Plastic
Operating Voltage	90-250V AC 50/60Hz
Max. Load	2.5A / 500W
Wireless Protocol	Wi-Fi 2.4GHz + RF
Switch Type	Touch Panel, Single Pole
Certifications	CE, IP44
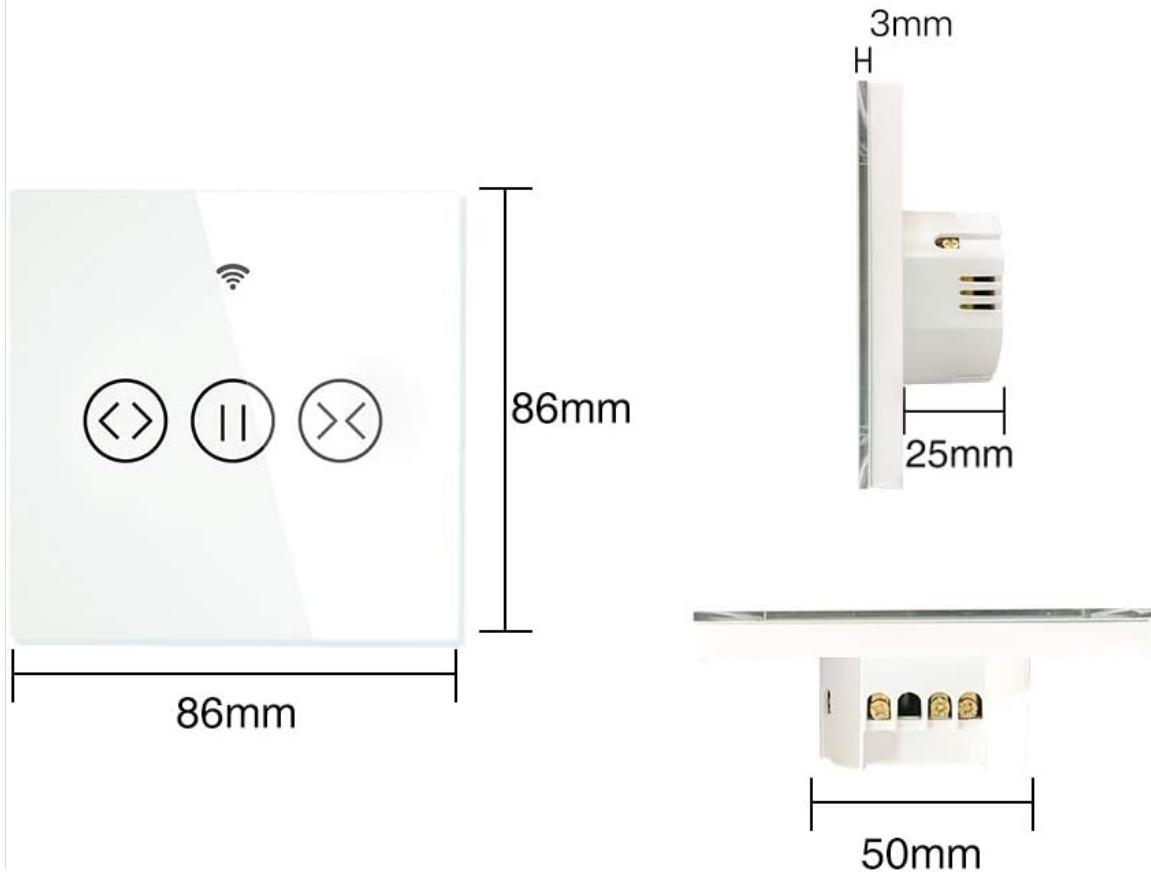

Figure 1: Product Dimensions and Specifications. The switch measures 86mm x 86mm on the front panel, with a depth of 25mm for the internal module.

4. INSTALLATION GUIDE

4.1 Wiring Diagram

Figure 2: Wiring Diagram for the MOES Smart Curtain Switch. This diagram illustrates the connections required for the switch to operate a motorized roller blind.

Follow these steps for wiring:

1. **Disconnect Power:** Before starting, ensure the main power supply to the circuit is turned off at the circuit breaker.
2. **Identify Wires:** Identify the Live (L), Neutral (N), Ground, Open (for curtain up), and Close (for curtain down) wires from your existing setup and the motorized blind.
3. **Connect Live (L):** Connect the Live wire from your power supply to the 'L' terminal on the switch.
4. **Connect Neutral (N):** Connect the Neutral wire from your power supply to the 'N' terminal on the switch.
5. **Connect Motor Wires:** Connect the 'Open' wire from your motorized blind to the 'OPEN' terminal on the switch. Connect the 'Close' wire from your motorized blind to the 'CLOSE' terminal on the switch.
6. **Connect Ground:** Connect the Ground wire to the appropriate terminal, typically indicated by a ground symbol.
7. **Secure Connections:** Ensure all wire connections are tight and properly insulated.

4.2 Physical Installation

After wiring, carefully place the switch module into the wall box. Secure the switch to the wall box using screws. Attach the glass touch panel cover. Restore power at the circuit breaker.

5. APP SETUP AND PAIRING

The MOES Smart Curtain Switch is compatible with the Smart Life and Tuya Smart applications. Follow these steps to pair your device:

1. **Download App:** Download the "Smart Life" or "Tuya Smart" app from your mobile device's app store (iOS or Android).
2. **Register/Login:** Open the app and register for a new account or log in with an existing one.
3. **Enter Pairing Mode:** With the switch powered on, press and hold the 'Pause' button on the switch for approximately 5-10 seconds until the Wi-Fi indicator light on the switch starts blinking rapidly. This indicates pairing mode.
4. **Add Device:** In the app, tap the '+' icon (usually in the top right corner) to add a device. The app should automatically detect the switch via Wi-Fi and Bluetooth for quick pairing.
5. **Confirm Network:** Select your 2.4GHz Wi-Fi network and enter the password. The switch does not support 5GHz Wi-Fi.
6. **Complete Pairing:** Follow the on-screen prompts to complete the pairing process. Once successfully paired, the Wi-Fi indicator light on the switch will stop blinking and remain solid.

Figure 3: Simplified App Pairing Process. The MOES switch utilizes both Wi-Fi and Bluetooth for faster and easier device discovery and connection within the Smart Life/Tuya app.

6. OPERATING INSTRUCTIONS

6.1 Manual Touch Control

The touch panel allows for direct control of your roller blinds:

- **Open Button (<>):** Touch to open the roller blind.
- **Pause Button (||):** Touch to pause the roller blind at its current position.
- **Close Button (X):** Touch to close the roller blind.

6.2 App Control

Once paired with the Smart Life/Tuya app, you can control your blinds remotely and set schedules:

- **Remote Control:** Use the app interface to open, close, or pause your blinds from anywhere.
- **Scheduling:** Set timers and schedules for automatic opening and closing of blinds at specific times (e.g., 7:30 AM open, 6:00 PM close).
- **Countdown:** Utilize countdown functions (e.g., 1/5/30 minutes, 1 hour) for temporary operations.
- **Relay Status:** Configure the switch to remember its last state (open/closed/paused) after a power outage.
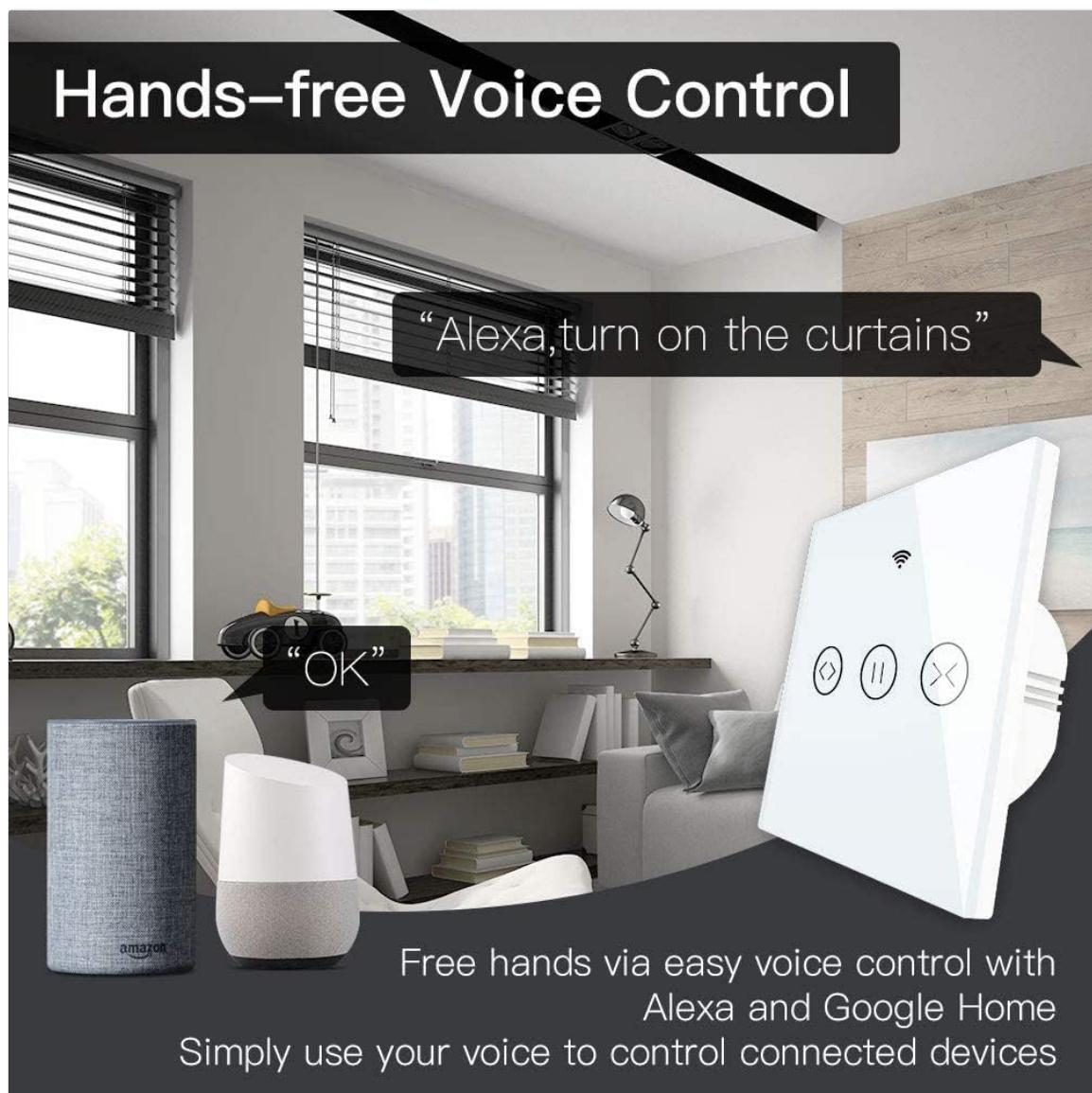
Figure 4: Smart App Remote Control. Control your blinds from anywhere using the Smart Life/Tuya app on your smartphone.

Figure 5: Timer and Schedule Settings. Program your blinds to open and close automatically according to your daily routine.

6.3 Voice Control

Integrate the switch with Amazon Alexa or Google Home for hands-free voice control:

- **Link Accounts:** In the Alexa or Google Home app, link your Smart Life/Tuya account.
- **Discover Devices:** Ask your smart assistant to discover new devices.
- **Voice Commands:** Use commands like "Alexa, open the curtains" or "Hey Google, close the blinds."
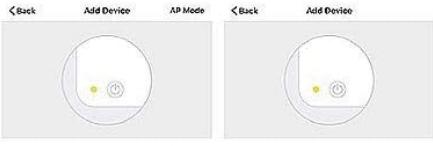
Figure 6: Hands-free Voice Control. Control your blinds using simple voice commands with Amazon Alexa and Google Home.

6.4 RF Remote Control

The switch supports RF433 remote control for an additional layer of convenience. Pair a compatible RF remote (sold separately) to control your blinds without Wi-Fi or app access.

Figure 7: Multiple Control Modes. The switch offers RF remote, voice, app, and touch control options.

6.5 Backlight Control

The switch features an optional backlight. You can turn the backlight ON or OFF via the Smart Life/Tuya app settings to avoid disturbance during sleep or to suit your preference.

Figure 8: Backlight Switch with ON/OFF Option. Control the switch's backlight through the app for improved comfort.

6.6 Group Control and Sharing

The app allows you to create groups of switches for simultaneous control and share device access with family members.

- **Group Control:** Manage multiple switches as a single group within the app.
- **Device Sharing:** Share control of the switch with other users who have the Smart Life/Tuya app, granting them access to operate the blinds.
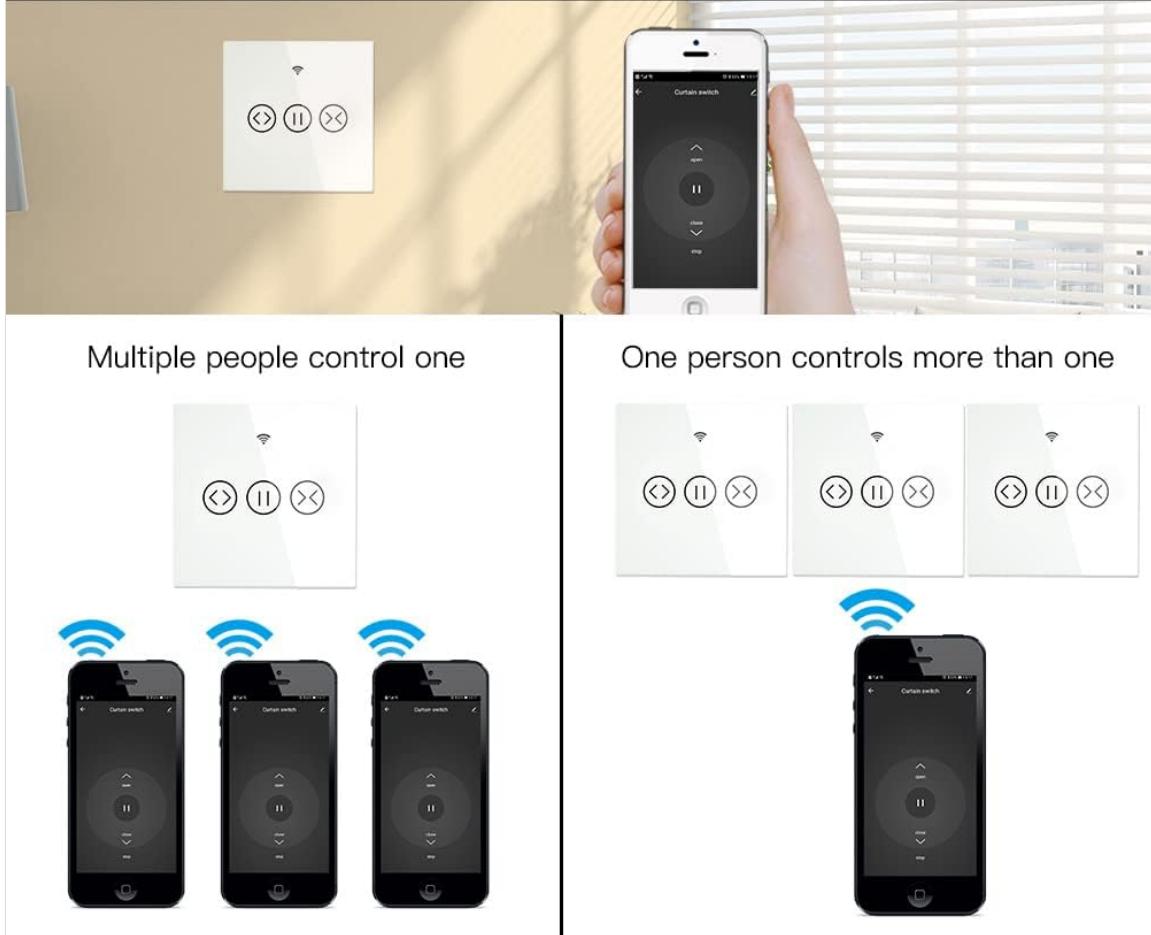
Figure 9: Group Control and Family Sharing. Manage multiple switches together or share control with family members for convenience.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the touch panel. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check the Smart Life/Tuya app for available firmware updates to ensure optimal performance and security.
- **Environmental Conditions:** Ensure the switch is not exposed to extreme temperatures or humidity, which can affect its operation and lifespan.

8. TROUBLESHOOTING

- **Switch Not Responding:** Check if the power supply is connected correctly. Ensure the circuit

breaker is ON.

- **App Pairing Failure:**
    - Ensure your Wi-Fi network is 2.4GHz. 5GHz networks are not supported.
    - Verify the switch is in pairing mode (Wi-Fi indicator blinking rapidly).
    - Check your Wi-Fi password for accuracy.
    - Move the switch closer to your Wi-Fi router during pairing.

- **Voice Control Not Working:**
    - Confirm that your Smart Life/Tuya account is correctly linked to Alexa or Google Home.
    - Ensure the device is discovered and named appropriately in the smart assistant app.
    - Check your internet connection.

- **RF Remote Not Controlling:** Ensure the RF remote is properly paired with the switch according to its own instructions.
- **Intermittent Connection:** Check your Wi-Fi signal strength. Consider repositioning your router or using a Wi-Fi extender.

9. WARRANTY AND SUPPORT

This MOES product comes with a **2-year warranty** and a **60-day refund guarantee** to ensure your satisfaction. For technical support or warranty claims, please contact MOES customer service through the retailer where you purchased the product or visit the official MOES website for contact information.