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zemismart DS-151

zemismart Wi-Fi Wall Switch for Roller Shutters Instruction Manual

Model: DS-151

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your zemismart Wi-Fi Wall Switch for Roller Shutters. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image: Front view of the zemismart Wi-Fi Wall Switch for Roller Shutters. The switch is white with a glass-like finish and three touch-sensitive icons: a left arrow (open), an equals sign (stop), and a right arrow (close).

SAFETY INFORMATION

WARNING: Electrical installation should only be performed by a qualified electrician. Ensure power is disconnected at the circuit breaker before beginning any installation work. Failure to follow these instructions can result in electric shock, fire, or serious injury.

- Do not install with wet hands.
- Do not install in damp environments.
- Ensure the power supply matches the switch's specifications (110V-240V).
- A neutral wire is required for installation.

SPECIFICATIONS

Feature	Detail
Model	DS-151
Voltage	AC100-240V
Frequency	50/60Hz
Max. Load	1800W
Wireless Type	Wi-Fi
Dimensions	87mm x 87mm x 27mm (L x W x D)
Certifications	CE, RoHS
Special Features	UV Protection, Weather Resistant

Voice Control

Support voice control by Alexa / Google Home
via Tuya / Smart Life App



Image: Detailed diagram showing the dimensions of the switch (87mm x 87mm x 27mm) and its wiring connections. The wiring diagram indicates connections for Live (L), Neutral (N), and motor lines (L1, L2, L3, L4).

INSTALLATION AND SETUP

1. Wiring Instructions

1. **Disconnect Power:** Before starting, turn off the main power supply at your circuit breaker to avoid electric shock.
2. **Identify Wires:** Identify the Live (L), Neutral (N), and motor control wires (L1, L2, L3, L4) from your roller shutter system. A neutral wire is required for this switch.
3. **Connect Wires:** Connect the wires to the corresponding terminals on the zemismart Wi-Fi Wall Switch as shown in

the wiring diagram.

- Connect the Live wire to the 'L' terminal.
- Connect the Neutral wire to the 'N' terminal.
- Connect the motor control wires to the 'L1', 'L2', 'L3', 'L4' terminals as per your motor's requirements (typically L1/L2 for up/down, L3/L4 for limit switches if applicable). Refer to your motor's manual for specific wiring.

4. **Mount the Switch:** Securely mount the switch into the wall box.

5. **Restore Power:** Once all connections are secure and the switch is mounted, restore power at the circuit breaker.

2. Mobile App Control Setup

The zemismart Wi-Fi Wall Switch supports control via the Smart Life or Tuya Smart app on Android and iOS devices.

1. **Download App:** Download and install the "Smart Life" or "Tuya Smart" app from your device's app store.

2. **Register/Login:** Open the app and register for a new account or log in if you already have one.

3. **Add Device:**

- Ensure your Wi-Fi switch is powered on and in pairing mode (usually indicated by a blinking light).
- In the app, tap the "+" icon to add a new device.
- Select "Curtain Switch" or "Roller Shutter Switch" from the device list.
- Follow the in-app instructions to connect the switch to your 2.4GHz Wi-Fi network.

4. **Control and Schedule:** Once connected, you can control your roller shutters (Open, Stop, Close) and set schedules or timers directly from the app.



Image: Three mobile phone screens displaying the Smart Life/Tuya app interface. The first shows the home screen with various smart devices, the second shows the curtain switch control interface with Open, Stop, and Close buttons, and the third shows the timer scheduling interface.

1. Manual Control

The touch-sensitive buttons on the switch allow for direct control of your roller shutters:

- **Left Arrow (◀):** Tap to open the roller shutter.
- **Equals Sign (=):** Tap to stop the roller shutter at its current position.
- **Right Arrow (▶):** Tap to close the roller shutter.

2. Voice Control

The switch supports voice control through Amazon Alexa and Google Home when integrated with the Smart Life/Tuya app.

1. **Link Accounts:** In your Alexa or Google Home app, link your Smart Life/Tuya account.
2. **Discover Devices:** Discover new devices in your smart home app. Your zemismart switch should appear.
3. **Voice Commands:** Use commands such as:
 - "Alexa, open the curtain."
 - "Hey Google, turn on the curtain." (*Note: "turn on" might be interpreted as "open" for curtains/shutters*)
 - "Alexa, close the curtain."
 - "Hey Google, stop the curtain."

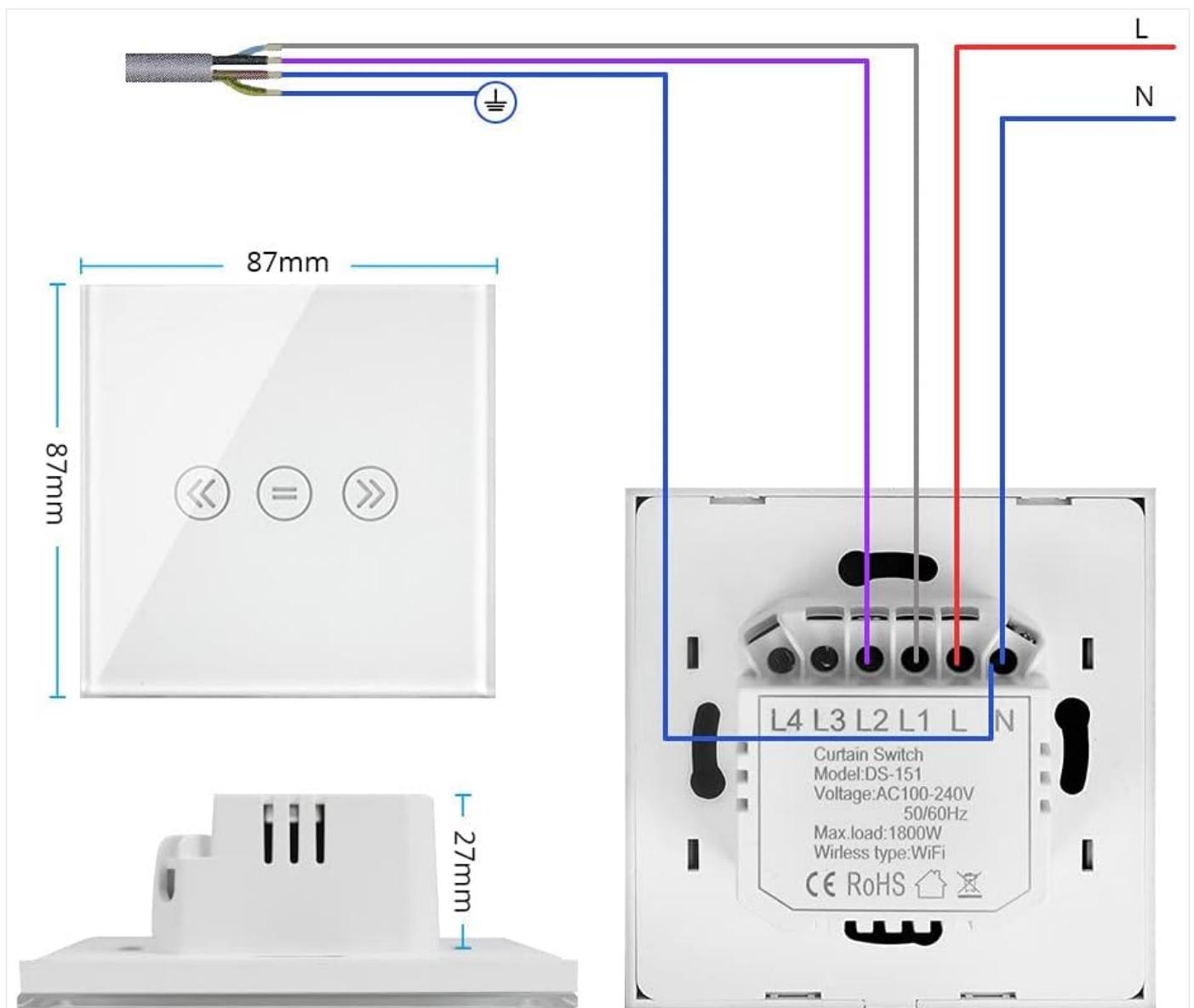


Image: A diagram showing a smartphone, a Wi-Fi router, an Amazon Echo device, and a Google Home device, all connected to the smart curtain switch. Speech bubbles indicate voice commands like "Hey Google, turn on the curtain" and "Alexa, open the curtain."

3. Backlight Function Key

The backlight function of the switch can be activated or deactivated via the mobile app to save power or suit preference.

- Open the Smart Life/Tuya app and navigate to the curtain switch control interface.
- Look for a "Backlight" option or similar setting within the device's settings to toggle it on or off.

BackLight Function Key

You can choose to activate or cancel the BackLight function key, and cancel the BackLight function key to save more power.

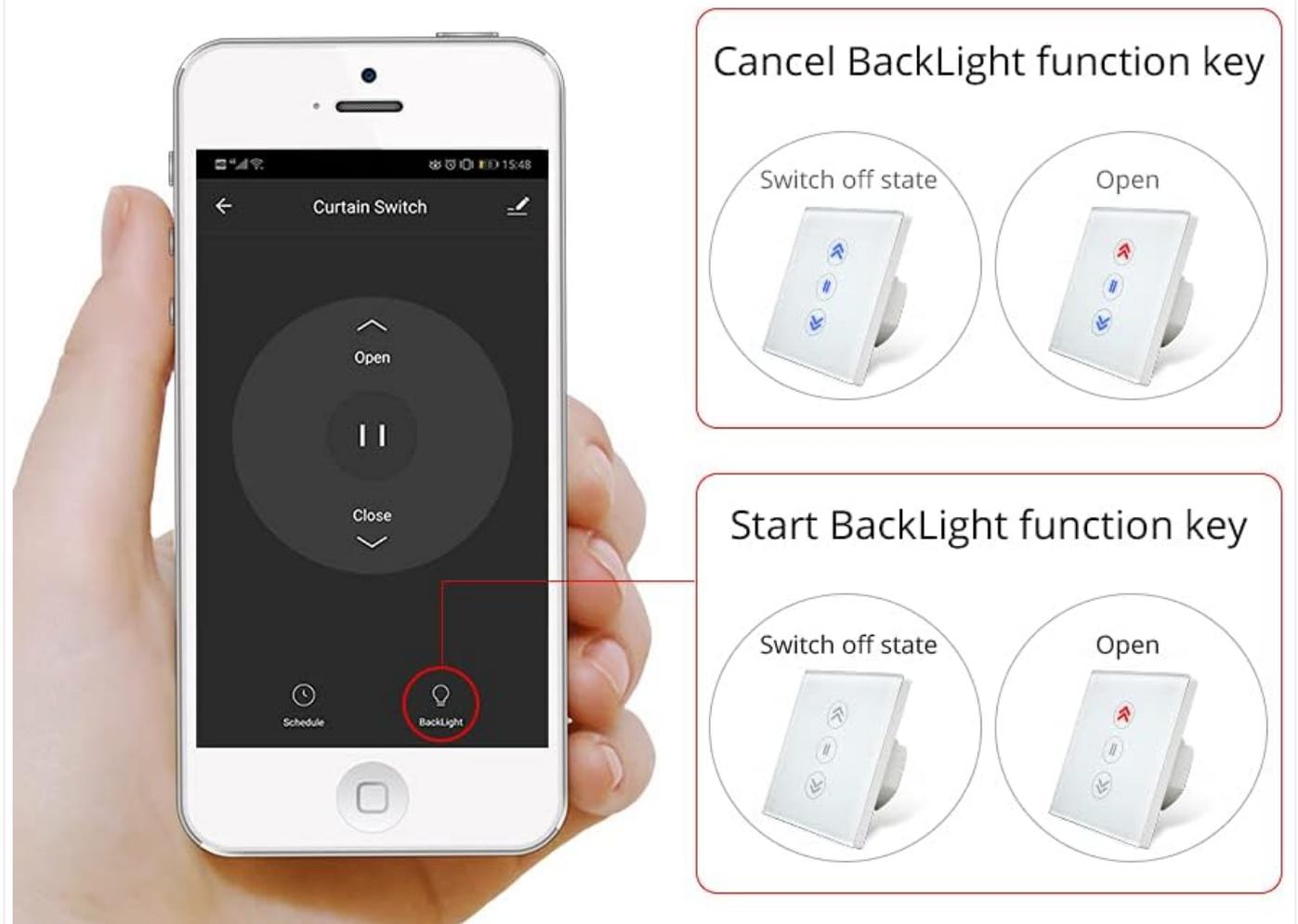


Image: A mobile phone screen showing the curtain switch app interface with a "Backlight" button highlighted. To the right, two sets of switch images illustrate the backlight being off (no red light) and on (red light visible).

MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the surface of the switch. Do not use

abrasive cleaners or solvents.

- **Firmware Updates:** Periodically check the Smart Life/Tuya app for available firmware updates for your switch to ensure optimal performance and security.
- **Environmental Conditions:** Ensure the switch is not exposed to extreme temperatures or humidity, as this can affect its lifespan and functionality.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Switch not responding / No power	No power supply; Incorrect wiring; Circuit breaker tripped.	Check circuit breaker. Verify wiring connections (Live, Neutral, Motor). Ensure power is restored.
Cannot connect to Wi-Fi / App	Incorrect Wi-Fi password; Not 2.4GHz Wi-Fi; Switch not in pairing mode; Router too far.	Ensure 2.4GHz Wi-Fi. Re-enter password. Put switch into pairing mode (refer to app instructions). Move router closer or use a Wi-Fi extender.
Roller shutter not moving or moving incorrectly	Incorrect motor wiring; Motor limits not set; Motor malfunction.	Verify motor wire connections (L1, L2, L3, L4). Consult your roller shutter motor manual for limit setting procedures. Contact a professional if motor malfunction is suspected.
Voice control not working	Smart Life/Tuya account not linked; Device not discovered; Incorrect voice command.	Ensure Smart Life/Tuya account is linked in Alexa/Google Home app. Redo device discovery. Use correct voice commands.

WARRANTY INFORMATION

Specific warranty details for the zemismart Wi-Fi Wall Switch are typically provided at the point of purchase or on the official zemismart website. Please retain your proof of purchase for warranty claims. The product is certified CE and RoHS, indicating compliance with European safety and environmental standards.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your zemismart Wi-Fi Wall Switch, please visit the official zemismart website or contact their customer service department. You can often find support contact information on the product packaging or through the Smart Life/Tuya app's help section.

Visit the zemismart store: [zemismart Official Store](#)