

## Freedompro MINI Relè

# Freedompro MINI Relè Smart WiFi Switch User Manual

Model: MINI Relè

## 1. INTRODUCTION

---

Thank you for choosing the Freedompro MINI Relè Smart WiFi Switch. This device is designed to transform traditional roller shutters or awnings into smart, controllable systems. It integrates seamlessly with popular smart home platforms such as Matter, Apple HomeKit, Alexa, and Google Home, offering convenient control via voice commands or smartphone applications.

This manual provides essential information for the safe installation, operation, and maintenance of your Freedompro MINI Relè. Please read it thoroughly before installation and keep it for future reference.

## 2. SAFETY INFORMATION

---

**WARNING: Electrical shock hazard. Installation must be performed by a qualified electrician in accordance with all local electrical codes and regulations.**

- Always disconnect power at the circuit breaker before installing or servicing the device.
- Do not expose the device to moisture or extreme temperatures.
- Ensure the device is installed within a standard in-wall electrical box.
- Verify that the supply voltage (110-240V AC) and current (14A max) are within the device's specifications.
- Do not attempt to repair or modify the device. Refer all servicing to qualified personnel.

## 3. PACKAGE CONTENTS

---

Please check the package for the following items:

- 1 x Freedompro MINI Relè Smart WiFi Switch
- 1 x User Manual (this document)

*If any items are missing or damaged, please contact Freedompro customer support.*

## 4. SETUP AND INSTALLATION

---

## 4.1 Wiring Diagram

The Freedompro MINI Relè is designed for in-wall installation. The following diagram illustrates the typical wiring for a roller shutter motor. Ensure power is disconnected before proceeding.

*No specific wiring diagram image or video was provided in the product data. Please refer to the diagram printed on the device itself or consult the official Freedompro website for detailed wiring instructions.*

## 4.2 Installation Steps

1. **Disconnect Power:** Turn off the main power supply to the circuit at the breaker.
2. **Prepare Wiring:** Identify the Live (L), Neutral (N), Up (U), Down (D), and Ground (GND) wires from your existing roller shutter switch and power supply.
3. **Connect Wires:** Connect the wires to the corresponding terminals on the Freedompro MINI Relè as per the wiring diagram. Ensure all connections are secure.
4. **Mount Device:** Carefully place the MINI Relè into the in-wall electrical box, ensuring wires are not pinched.
5. **Restore Power:** Turn the main power supply back on at the breaker.
6. **Pairing Mode:** The device should automatically enter pairing mode (indicated by a blinking LED, if present).

## 4.3 App Integration

To control your Freedompro MINI Relè, you will need to integrate it with your preferred smart home platform (Matter, Apple HomeKit, Alexa, or Google Home).

1. **Download App:** Download the relevant smart home app (e.g., Apple Home, Google Home, Amazon Alexa) on your smartphone or tablet.
2. **Add Device:** Open the app and follow the instructions to add a new device. You may need to scan a QR code (usually found on the device or packaging) or manually enter a pairing code.
3. **Follow On-Screen Prompts:** Complete the setup process within the app, which may include naming the device and assigning it to a room.

# 5. OPERATING THE DEVICE

---

## 5.1 Manual Control

If connected to a traditional momentary switch, you can still control the roller shutter manually by pressing the switch. The smart module will register these actions.

## 5.2 App Control

Once integrated with your smart home app, you can control the roller shutter from your smartphone or tablet:

- **Open/Close:** Tap the device icon to fully open or close the shutter.
- **Adjust Position:** Use the slider or percentage control within the app to set the shutter to a specific intermediate position.
- **Schedules & Automations:** Create custom schedules or automations (e.g., open at sunrise, close at sunset) within your smart home app.

## 5.3 Voice Control

If integrated with Alexa, Google Home, or Apple HomeKit, you can use voice commands:

