

## Sanzla 2P 63A

# Sanzla 2P 63A WiFi Smart Switch Energy Meter Circuit Breaker User Manual

Model: 2P 63A | Brand: Sanzla

## 1. INTRODUCTION

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This user manual provides comprehensive instructions for the installation, operation, and maintenance of the Sanzla 2P 63A WiFi Smart Switch Energy Meter Circuit Breaker. This device integrates a circuit breaker with smart functionalities, allowing for remote control, energy monitoring, and scheduled operations via a WiFi connection. Please read this manual thoroughly before installation and use to ensure safe and efficient operation.

## 2. SAFETY INFORMATION

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**Warning:** Electrical installation should only be performed by qualified personnel. Failure to follow these instructions can result in electric shock, fire, or serious injury.

- Always disconnect power at the main circuit breaker before installing or servicing the device.
- Ensure the device is installed in a dry environment, away from moisture and direct sunlight.
- Verify that the voltage and current ratings of your electrical system are compatible with the device specifications.
- Do not attempt to repair or modify the device. Contact customer support for assistance.
- This device is designed for 2.4GHz WiFi networks only. It does not support 5GHz networks.

## 3. PRODUCT OVERVIEW

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The Sanzla 2P 63A WiFi Smart Switch is a compact device designed for DIN rail mounting. It features input and output terminals, a manual power button, WiFi indicator, and displays for energy monitoring.



**Figure 1:** Front view of the Sanzla 2P 63A WiFi Smart Switch. This image shows the input and output terminals (N and L), the CE marking, the TOMZN brand logo, the WiFi Smart Switch label with specifications (In: 63A, Ue: 230V 50/60Hz), the

WiFi signal indicator, kWh display, and indicators for Watt (W), Ampere (A), and Volt (V). It also features a WiFi pairing button, a main power button (green circle), and instructions for pairing and power status indicators.

## Key Components:

- **Input Terminals (N, L):** For connecting the incoming power supply.
- **Output Terminals (N, L):** For connecting to the load circuit.
- **WiFi Indicator:** Shows the status of the WiFi connection.
- **Power Button:** Manual ON/OFF control.
- **WiFi Pairing Button:** Used to initiate the device pairing process with the smart app.
- **Display:** Shows energy consumption (kWh), current (A), voltage (V), and power (W).

## 4. SETUP AND INSTALLATION

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### 4.1 Electrical Installation

1. **Power Disconnection:** Before starting, ensure the main power supply to the circuit is completely turned off at the distribution board.
2. **Mounting:** Mount the smart switch onto a standard DIN rail in your electrical panel.
3. **Wiring Input:** Connect the incoming Neutral (N) and Live (L) wires from your power supply to the "INPUT" terminals of the device. Ensure secure connections.
4. **Wiring Output:** Connect the Neutral (N) and Live (L) wires of your load circuit to the "OUTPUT" terminals of the device. Ensure secure connections.
5. **Verification:** Double-check all wiring connections for correctness and tightness.
6. **Restore Power:** Once installation is complete and verified, restore power at the main circuit breaker. The device should power on.

### 4.2 App Pairing (WiFi Connection)

This device uses the Tuya Smart or Smart Life app for remote control and monitoring.

1. **Download App:** Download and install the "Tuya Smart" or "Smart Life" app from your smartphone's app store (iOS or Android).
2. **Register/Login:** Open the app and register a new account or log in to an existing one.
3. **Add Device:** In the app, tap the "+" icon to add a new device. Select "Electrical" then "Circuit Breaker (Wi-Fi)" or similar.
4. **Pairing Mode:** On the smart switch, **long press the WiFi pairing button (labeled with a WiFi icon) for approximately 10 seconds** until the WiFi indicator light starts to flash rapidly. This indicates the device is in pairing mode.
5. **Connect to WiFi:** In the app, confirm that the indicator is flashing rapidly. Enter your 2.4GHz WiFi network password. *Note: This device does not support 5GHz WiFi networks.*
6. **Complete Pairing:** The app will search for and connect to the device. Once connected, you can rename the device and begin using its smart features.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Manual Control

- **Power Button:** Press the large green power button on the front of the device to manually turn the connected circuit ON or OFF.

- **Always ON: ON** - The device is supplying power.
- **Slowly Flash: OFF** - The device is not supplying power.

## 5.2 Smart App Control (Tuya Smart / Smart Life)

Once paired, you can control and monitor the device using the smart app.

- **Remote ON/OFF:** Toggle the switch icon in the app to turn the connected circuit ON or OFF from anywhere with an internet connection.
- **Energy Monitoring:** The app displays real-time energy consumption (kWh), current (A), voltage (V), and power (W). Historical data may also be available.
- **Schedule/Timer/Loop Timer:** Set up schedules to automatically turn the device ON or OFF at specific times or intervals. Create countdown timers or recurring loop timers for automated control.
- **Scene Automation:** Integrate the smart switch into smart scenes with other compatible devices for advanced automation.

## 6. MAINTENANCE

- **Cleaning:** Ensure the device is powered off before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Connection Check:** Periodically check the wiring connections to ensure they remain tight and secure.
- **Firmware Updates:** Keep the Tuya Smart/Smart Life app updated to receive the latest features and security patches for your device.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power supply; incorrect wiring.	Check main circuit breaker. Verify input wiring connections.
Cannot connect to WiFi.	Incorrect WiFi password; 5GHz network; device not in pairing mode; weak signal.	Ensure correct 2.4GHz WiFi password. Confirm router is 2.4GHz compatible. Long press WiFi button for 10s to enter pairing mode. Move device closer to router.
Remote control not working.	No internet connection on device or phone; app issue.	Check WiFi connection status. Ensure your phone has internet access. Restart app or device.
Energy readings are incorrect.	Improper wiring; device malfunction.	Verify wiring connections, especially for current sensing. If problem persists, contact support.

## 8. SPECIFICATIONS

Parameter	Value
Model	2P 63A

Parameter	Value
Brand	Sanzla
Rated Current (In)	63 Amps
Rated Voltage (Ue)	AC 85-265V, 50/60Hz
Number of Poles	2
Circuit Breaker Type	Standard Miniature Circuit Breaker (MCB)
Mechanical Life	Over 100,000 Times
Tripping Duration	Instantaneous ( $\leq 0.1s$ )
Working Temperature	-25°C to 70°C
Wireless Connectivity	2.4GHz WiFi (IEEE 802.11 b/g/n)
App Compatibility	Tuya Smart / Smart Life

**Important Note:** This specific model (No V A protection) does **not** include built-in over-current, over-voltage, or under-voltage protection. External protection devices must be used if these features are required for your application.

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: SaNzia