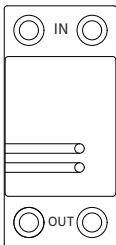


Smart Life App



CB432-TY Din-Rail Relay

Quick Start Guide

Safety Handling

WARNING: Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the relay and other property. Read all the safety notices below before using the relay.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit yourself.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.

Technical Specifications

Wireless Connectivity

- | | |
|-------|----------------------|
| Wi-Fi | • 802.11 B/G/N20/N40 |
|-------|----------------------|
-

- | | |
|--------------------|-------------------------------|
| RF Characteristics | • Operating frequency: 2.4GHz |
|--------------------|-------------------------------|
-

Physical Specifications

- | | |
|-------------------|------------------------|
| Operating Voltage | • 100~240 Vac 50/60 Hz |
|-------------------|------------------------|
-

- | | |
|------------------------------|--|
| Calibrated Metering Accuracy | • $\leq 100\text{W}$ (Within $\pm 2\text{W}$)
• $>100\text{W}$ (Within $\pm 2\%$) |
|------------------------------|--|
-

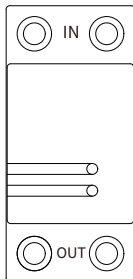
- | | |
|-------------------|--------|
| Max. Load Current | • 63 A |
|-------------------|--------|
-

- | | |
|-----------------------|--|
| Operating environment | • Temperature: $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
• Humidity:
• $\leq 90\%$ non-condensing |
|-----------------------|--|
-

- | | |
|------------|------------------------------|
| Dimensions | • 82 (L) x 36(W) x 66 (H) mm |
|------------|------------------------------|
-

- | | |
|--------|---------|
| Weight | • 186 g |
|--------|---------|
-

1 Welcome



The Din-Rail Relay CB432-TY is a device with electricity functions. It allows you to control On/Off status and to check real-time energy usage via mobile App.

This guide will provide you an overview of the product and help you to get through the initial setup.

Features:

- Tuya compliant
- Support Tap-to-Run and automation with other Tuya device
- Control your home device via Mobile APP
- Schedule the device to automatically power electronics on and off
- Measures Voltage, Current, PowerFactor, ActivePower and total energy consumption of the connected devices
- Supports custom values for overcurrent and overvoltage protection on the App
- Status can be retained with power failure
- Usage/Production trends by hour, day, month

2 Installation

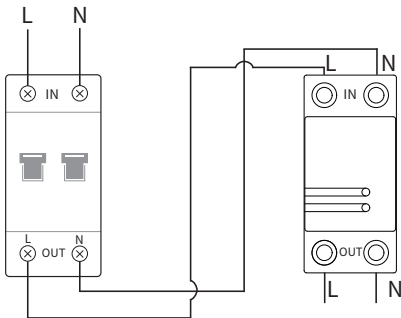
Important safety information! Failure to follow these instructions will result in death or serious injury.

- The Din-Rail Relay must be installed and serviced only by qualified electrical personnel.
- Do not touch the terminals of the device during the testing.
- Turn off all power supplying this equipment before installing.
- Make sure that the power supply is off before connecting or disconnecting it to the auxiliary device.
- Always use a properly rated voltage sensing device to confirm power is off.

- Replace all devices, doors and covers before turning on power to this equipment.

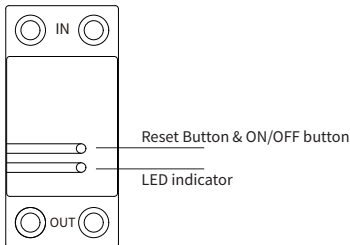
Note: When installing, there must be a Residual Current Circuit Breaker in the circuit, and the Din-Rail Relay must be installed after output of the Residual Current Circuit Breaker.

Please keep the wiring diagram below for future reference.



Residual Current Circuit Breaker

3 Get to know your device



Reset button

- **Reset.** Press and hold the reset button for 5 seconds until the LED indicator flashes Red 3 times quickly to clear the Wi-Fi information (energy data will not be cleared). After that, the LED indicator will constantly blink and wait for pairing.

ON/OFF button

- **On/Off.** Press once to switch the relay ON/OFF.

LED indicator

The LED status gives the following information of the Relay:

LED color	Status	Relay	Network
Green	Blinking	ON	Wait for pairing.
	Solid on		Device has connected with cloud.
Red	Blinking	OFF	Wait for pairing.
	Solid on		Device has connected with cloud.
Yellow / Green	Rapidly blinking alternately	ON	Device is connected to the router, but failed to connect to the cloud.
Yellow / Red		OFF	
Yellow / Green	Slowly blinking alternately	ON	Wi-Fi has been configured, but failed to connect to router.
Yellow / Red		OFF	

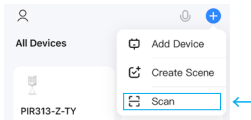
4 Configure Network

Download App

Please download the application: **Smart Life** from App Store or App Market. Also you can scan below QR code to download and install.



1. Open **Smart Life** app and click the 'Scan' button in the upper right corner of the App Home page.



2. Scan the following QR code to configure the network.



5 FAQ

Overcurrent and overvoltage protection

Conditions:

1. When the continuous value detected by the device exceeds 25% of the rated voltage (Can be set on the App) or 15% of the rated current (Can be set on the App) within 5 seconds, the device will cut off the power supply to the load.
2. When the continuous value detected by the device exceeds 50% of the rated current (Can be set on the App) within 1S, the device will cut off the power supply to the load.