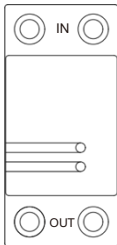


Smart Life App



CB432-W-TY/N

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

Connectivity

Wi-Fi • 802.11 b/g/n @2.4GHz

BLE • For Pairing

RF Characteristics • Operating frequency: 2.4GHz

• Internal antenna

Physical Specifications

Un • 230V AC, 50/60 Hz

Voltage Range • 90-277 V

Supported Systems • Single-Phase

Power Consumption • <2W

Voltmeters Accuracy • $\pm 1\%$

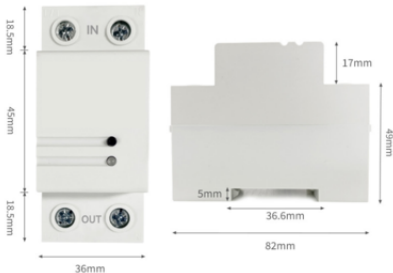
Ammeters Accuracy • 100A: $\pm 1\%$ (1-100A) , $\pm 2\%$ (0-1A)

Relay Type • Rated 63A, max.100A relay

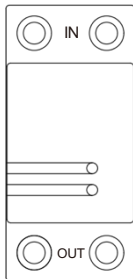
Reporting Cycle • Energy data: every 15 seconds
• Relay status: immediately

Operating Environment • Temperature: -20 °C~+55 °C
• Humidity: $\leq 90\%$ non-condensing

Mount Type	• 35mm DIN rail mounting
Dimension	• 36 (W) x 66(D) x82(H) mm
Weight	• 186 g



1 Welcome



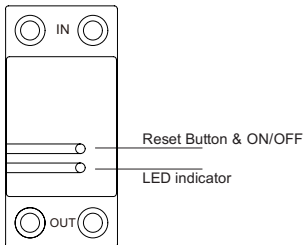
The Din-Rail Relay CB432-W-TY/N helps you monitor the amount of electricity usage in your facility in your single-phase power system. It allows you to turn On/Off of relay and to check real-time or historical energy data via mobile App.

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

Features:

- TUYA compliant, supporting automation scenarios and HA platform integration
- Single-Phase electricity system suitable
- Wi-Fi communication, fast configuration, suitable for environments with inconvenient wiring
- Real-time Voltage, Current, PowerFactor, ActivePower, Frequency, measurement
- Historical data can be displayed and exported in the App
- Rated 63A, max.100 relay, overload protection and relay setting
- Supports Alexa and Google Assistant voice control (On/Off)

2 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	

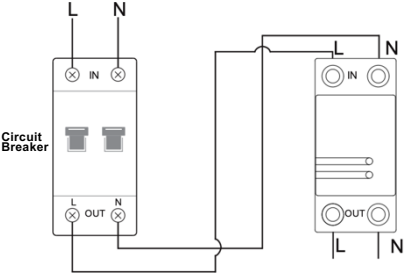
3 Wiring

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.
- Always use a properly rated voltage sensing device to confirm power is off.

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.



Wiring diagram

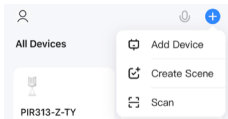
4 Configure Network

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.

