

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

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|-------|--|
| Wi-Fi | <ul style="list-style-type: none">• 802.11 B/G/N20/N40 |
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|--------------------|---|
| RF Characteristics | <ul style="list-style-type: none">• Operating frequency: 2.4GHz |
|--------------------|---|
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Physical Specifications

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| Operating Voltage | <ul style="list-style-type: none">• 100~240 Vac 50/60 Hz |
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|------------------------------|--|
| Calibrated Metering Accuracy | <ul style="list-style-type: none">• $\leq 100\text{W}$ (Within $\pm 2\%$)• $>100\text{W}$ (Within $\pm 2\%$) |
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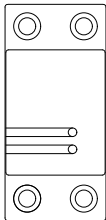
- | | |
|-------------------|--|
| Max. Load Current | <ul style="list-style-type: none">• 63 A |
|-------------------|--|
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- | | |
|-----------------------|---|
| Operating environment | <ul style="list-style-type: none">• Temperature: $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$• Humidity:<ul style="list-style-type: none">$\leq 90\%$ non-condensing |
|-----------------------|---|
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|------------|--|
| Dimensions | <ul style="list-style-type: none">• 81 (L) x 36(W) x 66 (H) mm |
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- | | |
|--------|--|
| Weight | <ul style="list-style-type: none">• 148g |
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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 protection on the App
- Status can be retained with power failure.

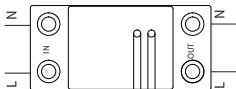
2 Installation

Important safety information!

- 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.

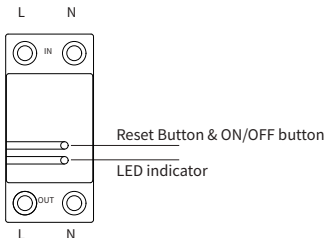
Failure to follow these instructions will result in death or serious injury.

Please keep the wiring diagram below for future reference.



Wiring Diagram

3 Get to know your device



Reset button

- **Reset.** Press and hold the Reset button for about 5 seconds until the LED indicator flashes three times (energy data will be cleared).

ON/OFF button

Press once to switch the relay ON/OFF.

LED indicator

The LED status gives the following information of the Relay:

LED status	What it means
Rapidly blink	EZ mode
Slowly blink	AP mode
Yellow LED solid on	Device is ON when connected with router.
Green LED solid on	Device is OFF when connected with router.
Red LED solid on	Device is ON when disconnected.
No light	Device is OFF when disconnected.

- **EZ Mode** (Default): To pair devices quickly. You can set all devices to this mode, and then add devices in batches on your phone.
- **AP Mode:** If there are many devices, while you only want to pair one device. You can refer to FAQ1 to configure network in this mode.

4 Configure Network

4.1 To get started, you will need:

- Connect your phone to the 2.4Ghz Wi-Fi network.
- A mobile phone with a '**SmartLife**' APP installed.

Then follow the steps below:

1. Power on the Din-Rail Relay.
2. Make sure the LED indicator is blink rapidly. If not, please reset it.

4.2 Add devices

1. Open your App.
2. Login with an existing account. If you are a new user, you need to create an account at first.
3. Please click the '+' button at the top right corner of the App to add devices.
4. Select '**Switch Module**' to add manually the Din-Rail Relay in '**Energy**' list.



5. Enter your home Wi-Fi account and password (Only support 2.4Ghz Wi-Fi), then tap '**Next**' button.



6. Place the router, mobile phone and Din-Rail Relay as close as possible to waiting for connection. Confirm the green indicator on your device is rapidly blink, then tap **'Next'**.



7. After successful connection, you can rename the it and click **'Done'** to complete. (If failed, please refer to FAQ2 to troubleshoot)

5 FAQ

1. Configure the network in AP mode.

1. Reset the device in EZ mode, it will switch to AP mode. The indicator on your device will blink slowly.
2. Then switch the network configuration mode to AP mode at the upper right corner of the APP when you add the device.



3. Place the router, mobile phone and Din-Rail Relay as close as possible to waiting for connection. Confirm the indicator on your device is slowly blink, then tap '**Next**'.



4. Find and connect the device's hotspot in the Wi-Fi list.

Connect your mobile phone to the device's hotspot

1. Connect the phone to the hotspot shown below:



2. Go back to the app and continue to add devices.

[Local Network Access](#) Device might not be able to be connected if the access is not enabled.

5. After the connection succeeds, you can rename it and click **'Done'** to complete the configuration. (If failed, please refer to FAQ2 to troubleshoot)

2. Wi-Fi configuration of the device failed

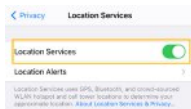
- Confirm the entered router password is correct.
- Ensure that the DHCP service is enabled for the router. If not, the IP address will be occupied.
- Please confirm the Wi-Fi network is stable:

Put the phone besides your device and make sure they are in the same network environment, try to open a website to judge if the network can be used.

- If your router supports both 2.4Ghz and 5Ghz, please enable the 2.4Ghz channel and add device under 2.4G Wi-Fi channel. You can follow the following step on the App to configure the router.



- Confirm that both the location permission of phone system and the App are enabled.





- If you have already upgrade the iOS system to 14, you need to enable the '**Local network**' of the App.



- If it still does not work, it is recommended to change the router and try again.

3. Device offline

- Confirm whether the Din-Rail Relay is powered on.
- Please confirm whether the home Wi-Fi network is normal, or whether the Wi-Fi name and password has been modified.
- If there still have problems after the above checking, it is recommended to remove the device or change the router to add it again.