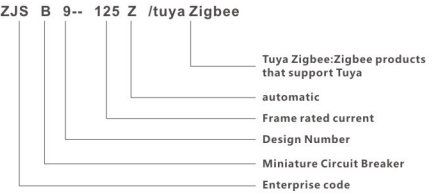


# Frequently Asked Questions

•The front indicator does not light up  
Whether the circuit breaker has been energized for 3 minutes. (The circuit breaker will flash evenly and quickly after power on for the first time, and the indicator will automatically go out after 3 minutes. At this time, you can turn the small dial switch on the front of the circuit breaker to the set position, and wait a few seconds to check whether the indicator is on and flashing.)  
Check whether there is voltage at the power supply terminal and check that the voltage value is correct.  
Check whether it is the lower incoming line, this product only supports the upper incoming line.  
Check whether the neutral wire is connected to the N terminal as required.  
Cut off the power supply to the inlet end of the circuit breaker, re-energize, and set the small dial switch to the set position, and try to see if the indicator light will light up or flash.  
•Unsuccessful pairing addition  
Check whether the Zigbee gateway has been paired in advance  
Check whether the Zigbee gateway is too far away from the circuit breaker  
Check the position of the small dial switch, which should be dialed strictly according to the front flow of this manual  
Check whether there are multiple Zigbee gateways in the environment and whether the paired gateways are wrong  
Check whether the mobile phone is connected to the Wi-Fi network, and ensure that the mobile phone, the smart gateway, and the product are in the same Wi-Fi network.  
•Offline processing  
Check if the Zigbee gateway is working properly  
Check whether the mobile phone is connected to the external network normally  
Check whether the power supply of the product's inlet end is normal  
If there are no exceptions, log out of the APP and try to log in again.  
Check whether the mobile phone is equipped with anti-virus software and other software that restricts access to specific apps  
•Pairing  
Download APP Tuya Smart → Register an account and log in → Add a gateway (see other chapters of this manual for details on the pairing and addition steps of the gateway) → Add this device below → open the Tuya APP → click "+" to add a device → select "Energy saving in manual addition" → Select "Breaker (Zigbee)" → Select the paired Zigbee gateway → At this time, turn on the upper end of the circuit breaker → Dial the small dial of the circuit breaker to the pairing setting position, wait a few seconds, the indicator light start to flash quickly → turn the small dial switch on the circuit breaker back to the working position → at this time,

return to the Tuya APP, confirm that the indicator light is flashing quickly → next step → wait for adding equipment → add successfully → complete  
Note: In the case of pairing, the mobile phone, Zigbee gateway, and the circuit breaker must be performed in the same network environment.  
•Add paired Zigbee gateway  
Connect the Zigbee gateway to the power supply correctly → connect the Zigbee gateway to the 2.4GHz band router through the network cable → confirm that the mobile phone has been connected to the local WIFI router (the same WIFI is connected to the Zigbee network) → download the mobile APP Tuya Smart → register an account and log in → Click "+" to add a device → select "Gateway Central Control" under "Manually add" → select wired gateway Zigbee (if the configured hardware is a wireless gateway, select wireless gateway Zigbee) → confirm that the indicator light is always on, the next step → wait Discover the connected device → discover the device, select the device to be added → wait for the device to be added → add successfully → complete  
•Unbind equipment  
Enter the mobile phone Tuya smart APP → long press the corresponding device in the operation interface → tick the device to be deleted → click to delete the device → finish

# Model Meaning



# Installation matters

•When operating and installing, be sure to carry out the power off to ensure personal safety.  
•This circuit breaker is for upper wire entry and lower wire exit. Lower wire entry is not supported. Please wire it correctly. For wiring operation, please read the wiring diagram of this manual.  
•Strictly follow the wiring diagram requirements, and the position of the neutral wire and the live wire cannot be exchanged, otherwise it will cause failure to work or damage the product. Especially for 1P and 3P products, the neutral wire must be connected to the corresponding position, as shown in the wiring diagram of this manual.  
•When pairing operation, pairing should be done in the open state of the circuit breaker to avoid unexplained tripping during the pairing process.  
•The product adopts an internal power supply method. Please ensure that the incoming terminal voltage is correct, stable and reliable. You should wait for more than 5 seconds for the first power-on.  
•Then perform the pairing operation.  
•Before the product is used, the first pairing operation is required. After the pairing is completed, there is no need to re-pair the operation during use.  
•During the use of the product, if there is a power failure, the product will automatically go online without re-pairing after re-calling. If the Zigbee gateway is changed, or the name and password of the gateway are changed, the product needs to be paired again.  
•The product should be as close as possible to the Zigbee gateway during use, to reduce the wall barrier, as much as possible to ensure the signal strength. If installed at the edge of the Zigbee gateway signal coverage, the fluctuation or drift of the wireless signal will cause the product to go offline and out of control.  
•If the line is suddenly cut off during normal use, the product will maintain the original opening and closing state, and the remote control will go offline. After a subsequent call, wait a few seconds and the product will automatically go online again without re-pairing.  
•The product should be installed in an environment with protective measures such as waterproof, moisture-proof, and sun-proof, such as indoors, waterproof distribution boxes, etc.  
•In addition to meeting the temperature range required by the national standard of -5°C to +40°C, it can also operate reliably within the extreme ambient temperature of -25°C to +45°C.  
•When the maximum temperature is +40°C, the relative humidity of the air does not exceed 50%, and when the monthly average minimum temperature of the wettest month does not exceed +25°C, the monthly average maximum relative humidity of the month does not exceed 90%, and the daily average maximum relative humidity does not exceed 90%. The humidity should not exceed 95%, and take into account the condensation on the surface of the product due to temperature changes.  
•The altitude of the installation site does not exceed 2000m. It should be used in high-altitude areas. It is recommended to reduce the main circuit capacity by 10% every time the altitude is increased by 1000m.  
•The external magnetic field of the installation site should not exceed 5 times the geomagnetic field in any direction.  
•While this product supports mobile APP control, it also supports manual mode.

# Scop of use

ZJSB9-125Z/tuya Zigbee the series of Internet of Things circuit breakers embodies the latest design concepts and manufacturing technology, and has the characteristics of small and compact, long-life, modular, high-breaking, and intelligent control. Applicable to AC 50Hz/60Hz, rated voltage 230V/400V, rated current to 125A line, for connecting, breaking, timing, delaying and distributing electric energy and carrying rated current; and can occur in lines and electrical equipment. In the case of overload and short circuit, it can reliably protect the circuit and electrical equipment, and it can also be used for infrequent starting of the motor and the protection of overload and short circuit. More importantly, the product can directly control the opening and closing of the circuit breaker in different places to meet the needs of different users.

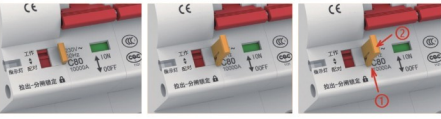
# Safety warning

•It is forbidden to use this product to carry out illegal and criminal activities. If any illegal or criminal activity is caused, all legal responsibilities shall be borne by the user.  
•It is forbidden to give remote control equipment to children and unrelated persons to play and operate, so as to avoid personal and property losses caused by misoperation.  
•It is forbidden to use the equipment in sports equipment such as automobiles to avoid accidental traffic accidents caused by vibration and misoperation.  
•It is forbidden to install and disassemble the product when it is electrified to prevent human body electric shock, equipment short-circuit and other hazards.  
•It is forbidden to use this product for maintenance and isolation, so as to avoid personal injury caused by non-related personnel operating the remote control equipment by mistake during maintenance.  
•Strictly follow the wiring diagram construction operation, the neutral wire and the live wire must be connected to the corresponding positions, especially 1P and 3P products. Otherwise, it will cause inability to work or product damage.  
•Avoid connecting inferior electrical appliances to this product for control; to avoid accidental burnout of inferior loads when energized, resulting in property losses.  
•When the circuit breaker protection trips, it is forbidden to perform remote closing operation without checking the circuit and troubleshooting. Blindly closing operation will result in personal injury or property damage.  
•Considering the signal channel problem of WIFI router and Zigbee gateway, it is prohibited to use this product in important facilities such as elevator equipment, medical equipment, stove boiler, and emergency equipment. In order to avoid accidental interruption or blockage of the WIFI signal channel, the device loses connection and control, resulting in personal and property losses.

•In the use of the extended functions of this product, such as delay, timed loop and other functions, the time will have a certain error, please pay attention when using it.  
•If the use and construction are not carried out in accordance with the above terms, the user shall bear all consequences and legal responsibilities.  
•The hardware warranty of this product is 12 months, and the software is a third-party cloud platform. The user evaluates and bears the risk of use by himself.

# Mechanical lock

The circuit breaker with anti-mis-closing mechanism, under the following original position, the circuit breaker will remain in the opening position, and please operate according to the following figure



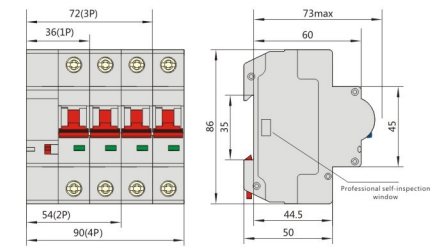
# Maintenance

- Check whether the wire section area is selected according to the actual current value.
- Check for loose screws. A situation in which the connection is not tight. Reinstall an reattach immediately after discovery.
- Check product surface for dust and insulation damage. If any dust is found, it should be cleaned in time. If the insulation is damaged, it should be replaced in time.
- No Wet han operated Circuit Breaker, or there could be an electric shock.
- The operating characteristics of the circuit breaker are set by the manufacturer. It is not allowed to disassemble the adjustment at will. In order to avoid the wrong action of the product.
- After the purchase, the user should read the manual completely at the first time, found that the customer can not meet the use of the situation, or is unable to meet the requirements of a safe environment for use, please discontinue use immediately contact the manufacturer to return and exchange goods.

# Technical parameters

Meet the standard: GB 1985.1, IEC 60898-1, IEC 60947-2	
Rated voltage: AC 230V (1P, 2P), IAC 400V (3P, 4P)	
Rated Temperature: 50°C/55°C	
Number of poles: 1P, 2P, 3P, 4P	
Protection degree: level 2	
Protection level: IP20	
Installation category: II, III	
Specified operating temperature: -25°C~+40°C	
Frame rated current: 125A	
Rated current: 10A, 16A, 20A, 25A, 32A, 40A, 63A, 80A, 100A, 125A	
Instantaneous trip from C type B type (special instructions)	
Rated short-circuit breaking capacity: 3kA	
Rated impulse withstand voltage: 5kV	
Mechanical life: more than 10,000 times	
Electrical life: more than 6000 times	
EMC performance: in line with GB/T 18449	
Surge withstand: comply with GB/T 18449, voltage 4.5kV	
Self-healing tolerance: Comply with GB/T 2423.17 60s	
Dust tolerance: Comply with GB 4208 6h	

# Installation Size



**WDJK**

Zhejiang Sichuang power technology co.,ltd  
No. 22, 192 Lane, Weisan Road, Yueqing Economic Development Zone, Zhejiang , China  
www.wifimcb.com  
wyk@wifimcb.com  
400-9057118

**WDJK**

**IOT-BASED**

**MICRO CIRCUIT**

**BREAKER**

Powered By **tuya**

Intelligence Inside **Zigbee**

**ZJSB9-125Z/tuya Zigbee**

**01** Pairing Process

Download the Tuya Smart APP, register your account and log in.(Before pairing the ZigBee device, you need to add a ZigBee gateway.Gateway pairing is added in the back section of this manual.)

**02** Enter the main interface of the Tuya App and click "+" to add the device. Select "Save Energy" in "Add manually"; Select "Circuit Breaker (ZigBee)".

**03** Select a ZigBee gateway that has been paired previously.

**04** At this point, the upper end of the circuit breaker is connected correctly as shown in the figure below.

**05** After a few seconds of power on, the circuit breaker small dial code to the pairing position.

**06** After waiting for a few seconds, the indicator light will flash. Then dial the circuit breaker smallCode switch back to working position.

**07** At this point, go back to the Tuya App, press the prompt to confirm the indicator light in the flash, and next.

**08** Follow the prompts to wait for the device to be added, and it will be completed after adding successfully.