

OMNIA

Wi-Fi Smart Devices

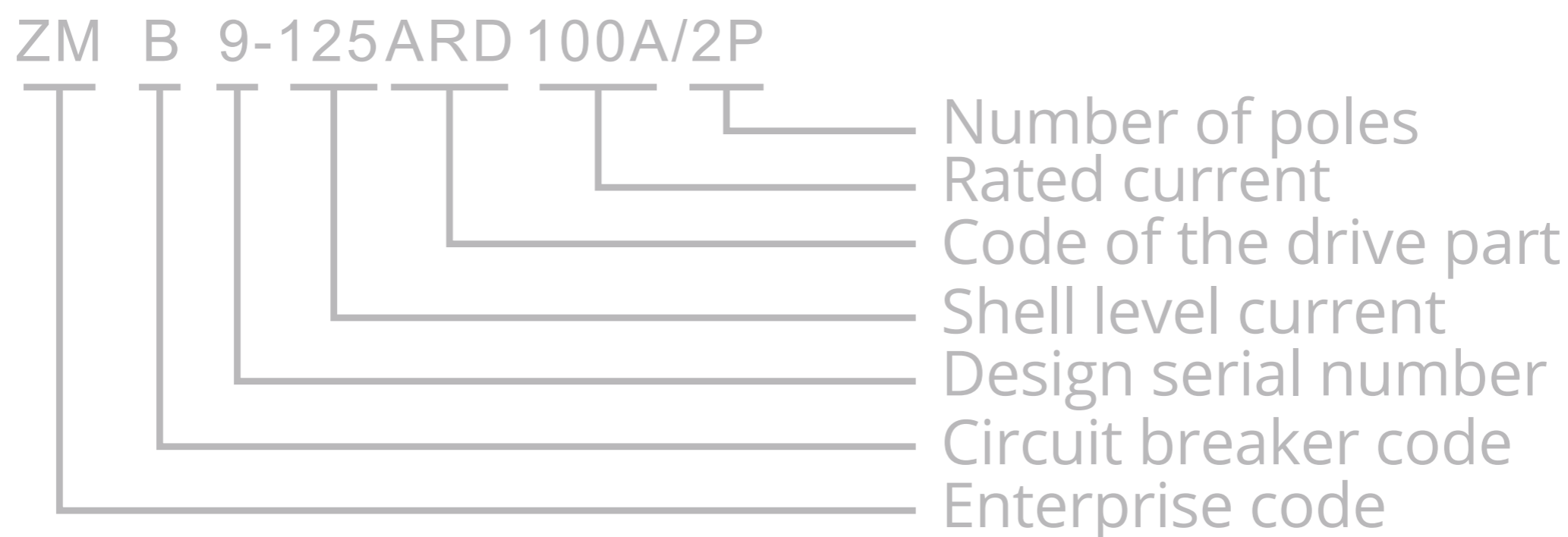


Smart Circuit Breaker OWCB-2P-C80

Function Introduction

WiFi "smart" circuit breaker is suitable for line with AC 50Hz , rated voltage 110V/240V , rated current to 80A , and has protection against overload , short circuit and isolation ; At the same time , as a smart reclosing circuit breaker , it also has the function of global remote control on/ timing on / breaker circuit from the mobile phone, delay on / cycle on / watch state feedback to the mobile phone for synchronization delay of 5 seconds after synchronization/tripping.

Purpose: Remote intelligent control of homes, student dormitories, floor heating, water heaters, etc.



Technical parameter

Standard-compliant: GB10963.1; IEC60898-1

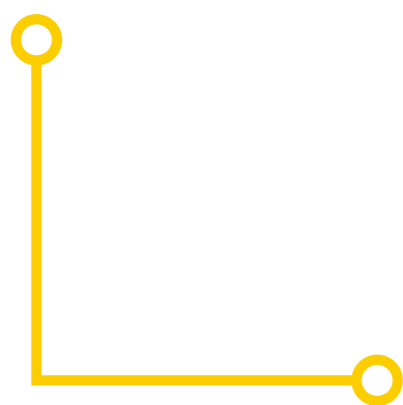
Rated voltage: AC 110V/240V 1P 2P

Frequency: 50/60 Hz

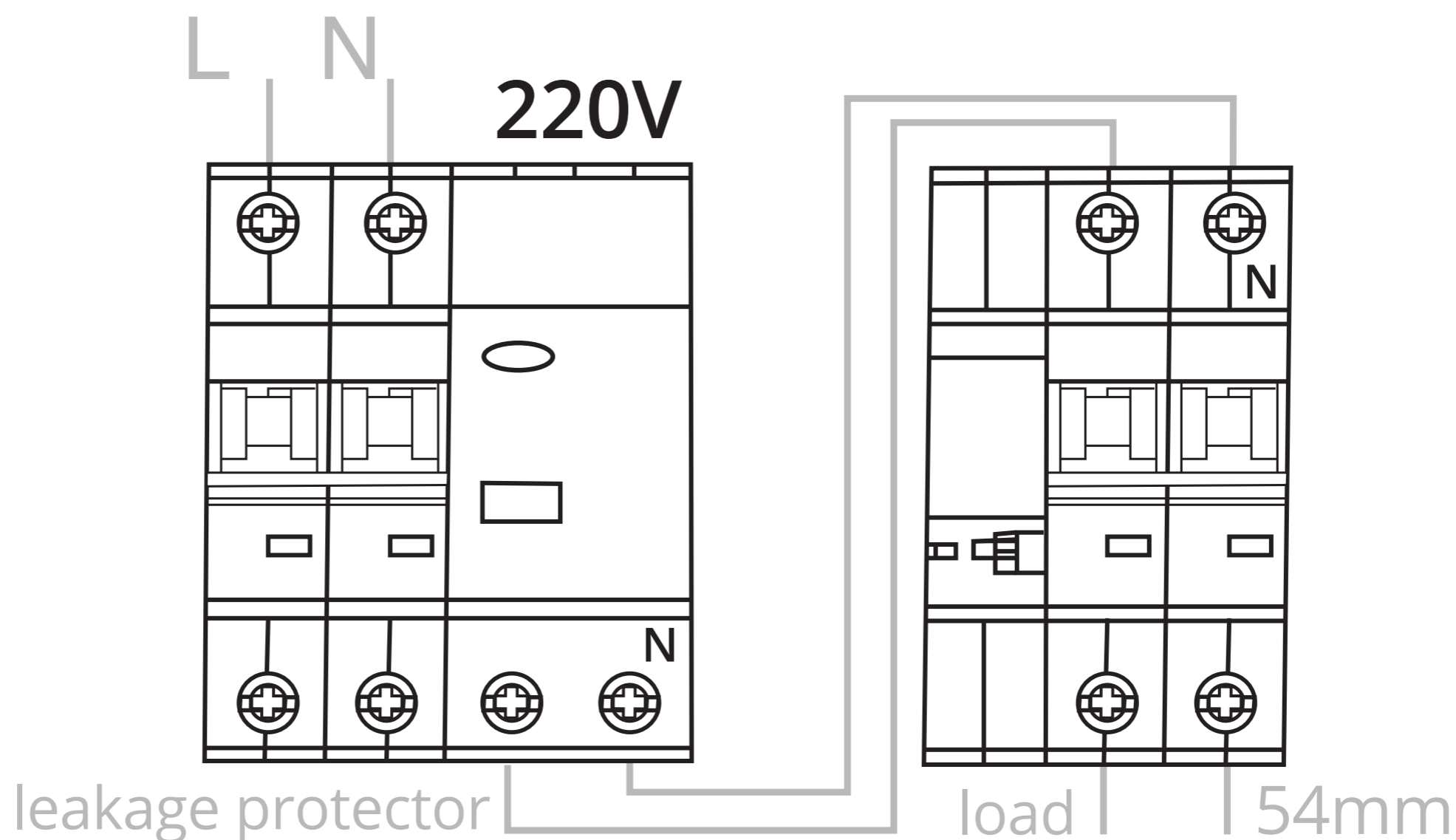
Number of poles:	1P 2P 3P 4P
Protection levels:	Level 2
Protection level:	IP20
Installation category:	II III
Specified use temperature	-25 °C -+65 °C
Rated current in shell level	125A
Rated current	32A,40A,63A 80A,100A,125A
Instantaneous tripping fbnn:	C
Rated short circuit breaking capacity	6kA
Rated impulse withstand voltage	6kV
Mechanical life:	More than 10,000 times
Electrical life:	More than 6,000 times.

Troubleshooting

1. Check if the little red toggle switch is in working position. If it is in the matching state, please turn it back to the working state, turn off the main power supply and then power on again.
2. Check if the 110/220 volts at the incoming line end is normal.
3. For 3P products, please check if the zero line is connected to the power supply zero line.
4. For 4P products, check if the terminals on the left and right sides have 220 volts.



Wiring Schematic



This product is a remote control switch, please use it with caution, the company does not bear legal responsibility for accidents caused by remote operation.

When the line and equipment are being maintained, the upper main power supply must be cut off to prevent others from controlling your mobile phone.

Note: When using IP and 3P products, the zero line that comes with the product needs to be connected to the zero line in the power distribution system.

Network access setting

- Open "Smart Life" App and log in.

On the home page, select the home in the upper left corner and click the "+"

in the upper right corner to enter the Add Device page.

selecte the family

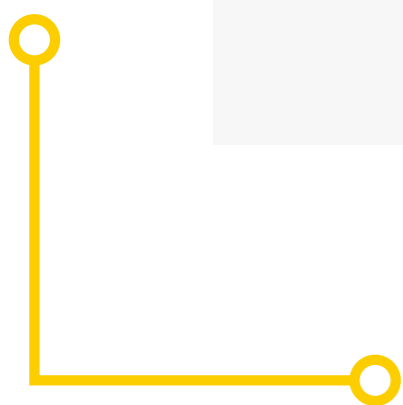


add page device

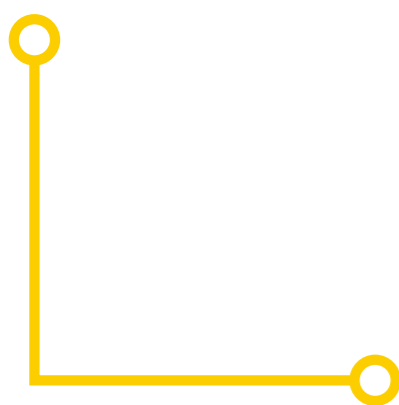
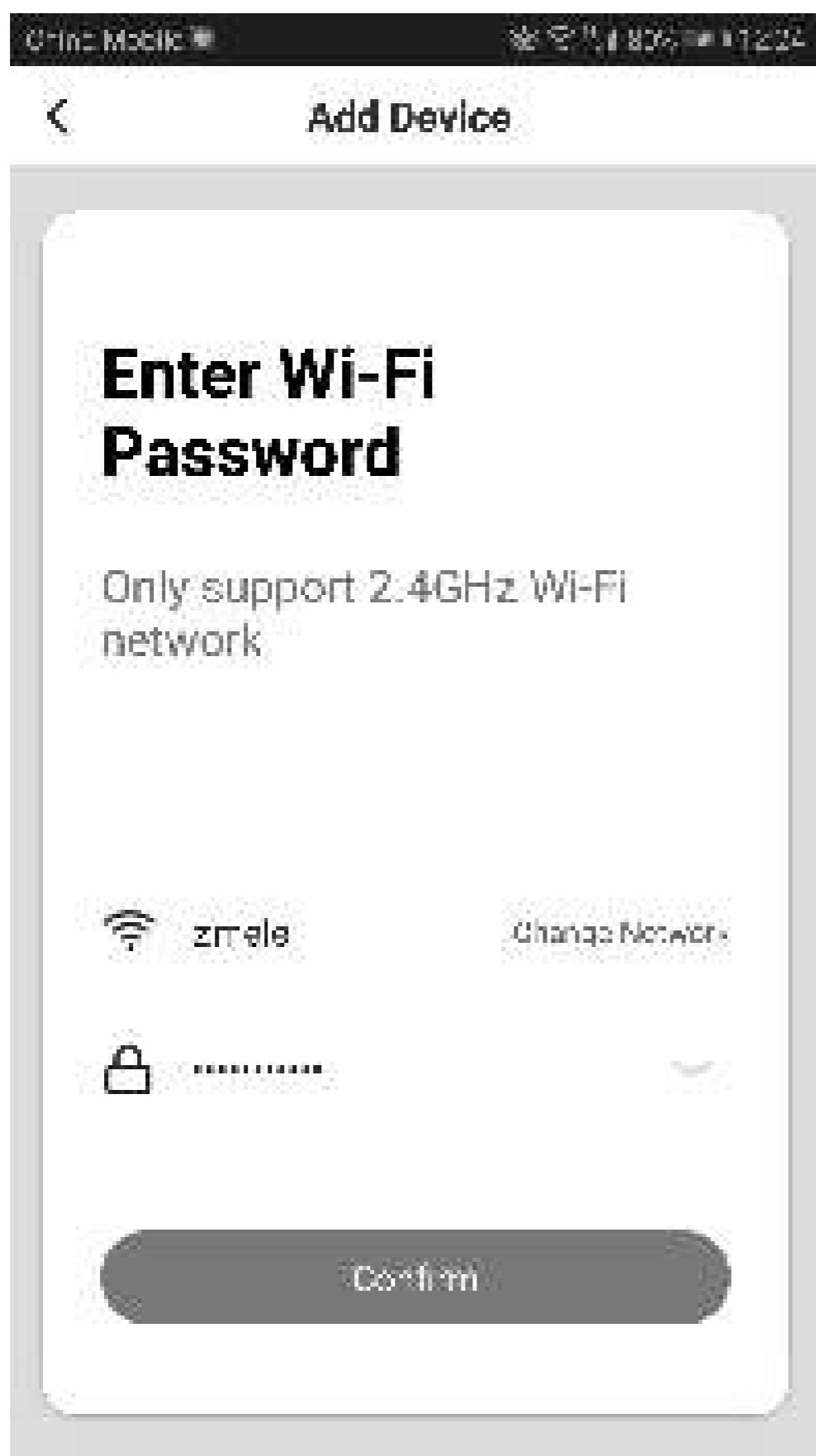


Select the Energy Family Devices page, scroll down to “breaker” and select “switch module (Wi-Fi)” option.

Turn the device on, wait 2 seconds for device to start, then turn the switch from the working position to the matching position and then back to the working position. On the app click the "Confirm indicator is flashing" button.



- Enter the selected wi-fi corresponding password Only 2.4G wireless network is supported, 5G wireless network is not supported. You can do EZ and AP pairing mode, device will automatically set on the mode selected.
- Wait for the connection after clicking "OK".



- The device will be added after the connection is successful.
- The switch button and the central power button can control the device's turning on / off.
- The timing button controls the device to turn on or off at a specified time.
- The countdown button controls the device to turn on or off after a specified time.





Smart Circuit Breaker OWCB-2P-C80 User Manual

www.smartomnia.com

