

## WiFi Equipment Distribution Network

### APP download

1



Scan the QR code below or the Tuya Smart App can be downloaded from the Android APP Market or App Store.

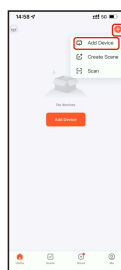
2



Use your mobile number to log in with one click.

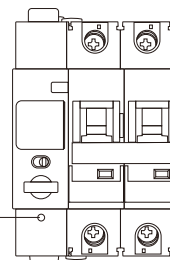
### Bind and Unbind The Device

3



Click the "+" button in the upper right corner of the APP to enter the interface of adding devices.

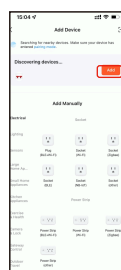
4



Configure the network button

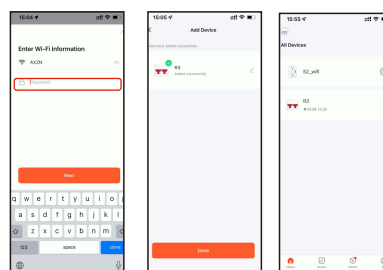
After the device is powered on for 10s, press the 3s device distribution button briefly and release, and the switch indicator flashes to enter the distribution mode.

5



After the mobile phone is connected to WiFi signal (5G network needs to be switched to 2G or 4G).

6



Enter the WiFi password and click next until the connection is successful.

## Matters Needing Attention

- 1.Ensure that the device is powered on when binding.
- 2.Ensure that the system enters the distribution network state during binding.
- 3.Ensure that the network signal is 2.4GHz when binding.

## Fault Description

### The Device Cannot be Closed Remotely

- ① Check whether the remote lock is turned on in the APP.
- ② Whether to open manually, first manually close and then operate on the APP, can you close and open?
- ③ Whether the safety lock is pulled out.

### Operation Without Feedback

- ① Check whether the product terminals have been tightened.
- ② Check the APP settings, notification type and whether the message notification is enabled.

### After Power On, The Indicator Light Does Not Light Up

Check whether the power interface is reversed, whether the switching power supply output has power.

## Product Overview

EKM3-63SM smart switch is a building electrical terminal power distribution device developed by ETEK ELECTRIC for Smart and safe power consumption and energy management systems.

This product is an IoT smart circuit breaker, which uses electronic technology to control the normal operation of traditional circuit breakers. It has remote opening and Closing control, local mode selection, timing opening and closing settings, etc.

## Main Function

- Remote Control: Remote opening and closing, timing tasks.
- Local Control: Local opening and closing, mode selection.
- Short Circuit Protection: Automatic tripping in case of short circuit fault.
- Networking Module Function: Built-in networking module WiFi, realize remote control on APP side through network transmission.
- Independent Power Supply (the gateway function will be added later).

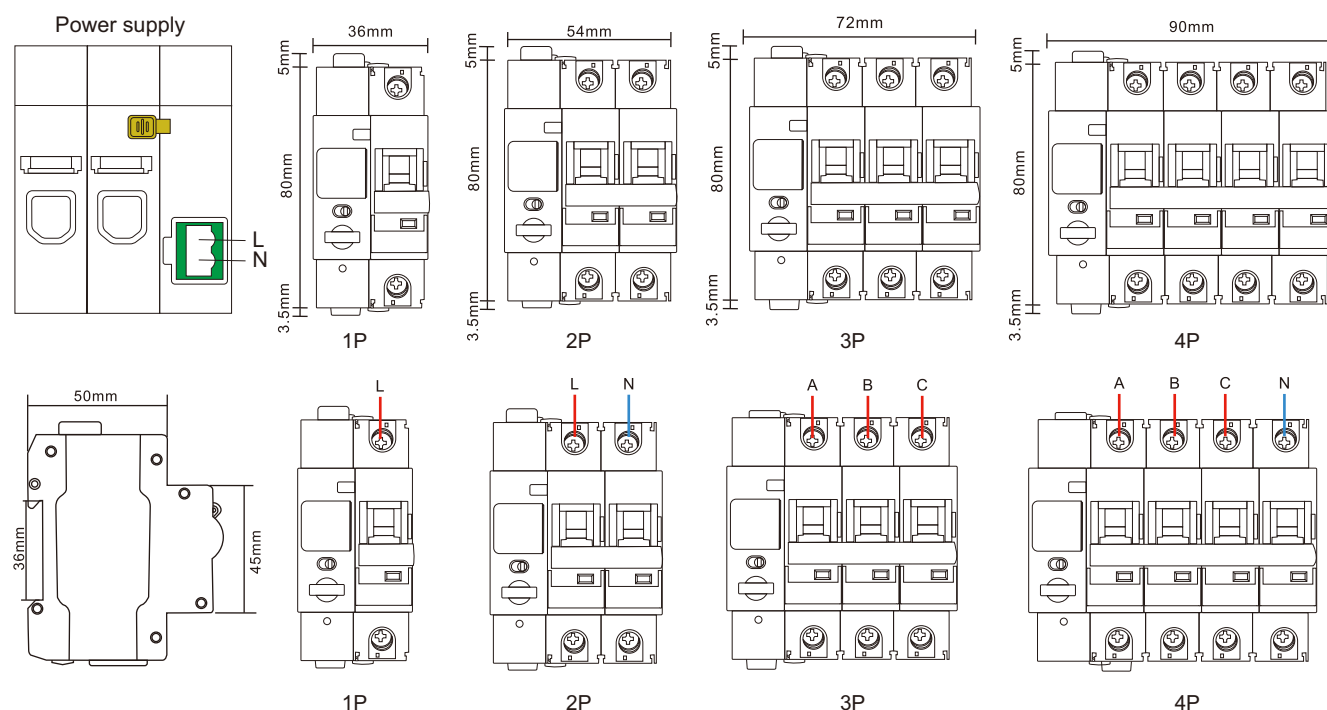
## Main Technical Parameters

Model	EKM3-63SM			
Series	1P	2P	3P	4P
Rate Current	10,16,25,32,40,50,63A			
Rated Working Voltage and Frequency	240VAC 50Hz		415VAC 50Hz	
Breaking Capacity	6KA			
Tripping Type	B, C			
Stand by Power	<3W			
Tripping Time	≤0.1S			
Short-Circuit Time	≤0.04S			
Executive Standard	IEC60898-1			
Control Mode	Manual automatic control			
Communication Method	WiFi, Zigbee、485、Dry contact			
Installation Site Requirement	The altitude of the installation site is not more than 3000m			
Temperature Requirement	Ambient air temperature -20℃~+70℃			

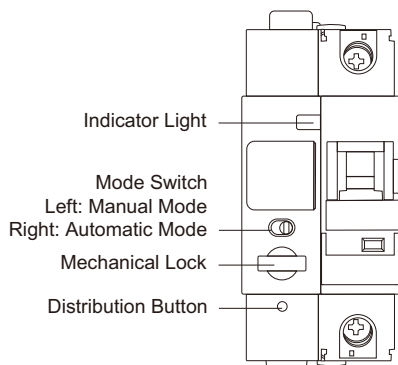
## Installation Matters

- When operating and installing, please be sure to do it under the condition of power failure to ensure personal safety.
- When operating and installing, please be sure to be operated by professionals.
- This product only needs to be connected to the zero fire ground wire, please connect it correctly according to the logo or wiring diagram.
- Wiring is strictly in accordance with the requirements of the logo or wiring diagram, and the position of the zero and live wires cannot be changed, otherwise the equipment will not work or be damaged.
- After the first pairing and binding of the product is completed, other mobile phones will no longer be able to bind it. If multiple people are required to operate, you can authorize others to use it through the sharing function.
- The product should be installed in an environment with protective measures such as waterproof, moisture-proof, and sunscreen.
- The product should work in areas covered by 4G/WiFi signals while avoiding signal interference.

## Product Size and Wiring Method



## Product Buttons and Lighting Descriptions



WiFi, Zigbee device indicator light description	
Green light is always on	Connect to cloud server
Green light flashes for 100ms	Mechanism failure
Green light flashes on for 100ms and off for 900ms	Mechanical locking
Green light flashes for 500ms	Configuration network
Green light flashes for 5000ms	Connect to router