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zigbee 1CH Dry Contact Switch Module-DC

Technical Specifications

- **Product Type:** 1CH Zigbee Switch Module-DC Dry Contact
- **Voltage:** AC100-240V 50/60Hz
- **Max. Load:** LED 150W, 5A
- **Operation Frequency:** 2.412GHz-2.484GHz
- **Operation Temperature:** -10°C to +40°C
- **Protocol:** IEEE802.15.4 Zigbee 3.0
- **Operation Range:** Zigbee

Product Usage Instructions

Installation

1. Ensure power is turned off before installation.
2. Connect the switch module to the appropriate power source using the provided instructions.
3. Follow the wiring diagram to connect the switch module correctly.
4. Secure the switch module in place according to the installation guidelines.

Pairing with Zigbee Network

1. Ensure your Zigbee network is active and ready for pairing.
2. Put the switch module into pairing mode (refer to the user manual for instructions).
3. Use your Zigbee network controller to search for new devices and add the switch

module to your network.

Operation

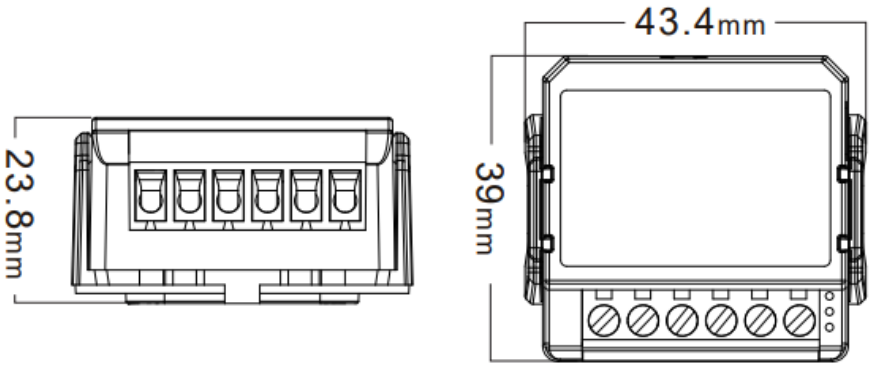
To control the switch module, use your Zigbee network controller or compatible devices within the operation range. Follow the user manual for specific commands and settings.

TECHNICAL SPECIFICATIONS

- **Product type** 1CH Zigbee Switch Module-DC
- **Voltage** AC100-240V 50/60Hz
- **Max. load** LED 150W 5A
- **Operation frequency** 2.412GHz-2.484GHz IEEE802.15.4
- **Operation temp** -10℃ + 40℃
- **Protocol** Zigbee 3.0
- **Operation range** <100m
- **Dims** (WxDxH) 39x39x19.4 mm
- **IP rating** IP20
- **Warranty** 2years
- **Certificates** CE ROHS

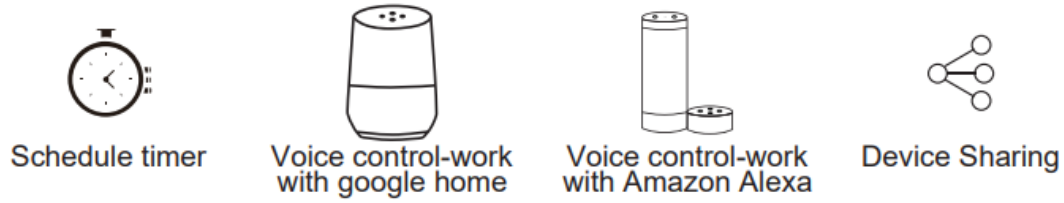
Dimension

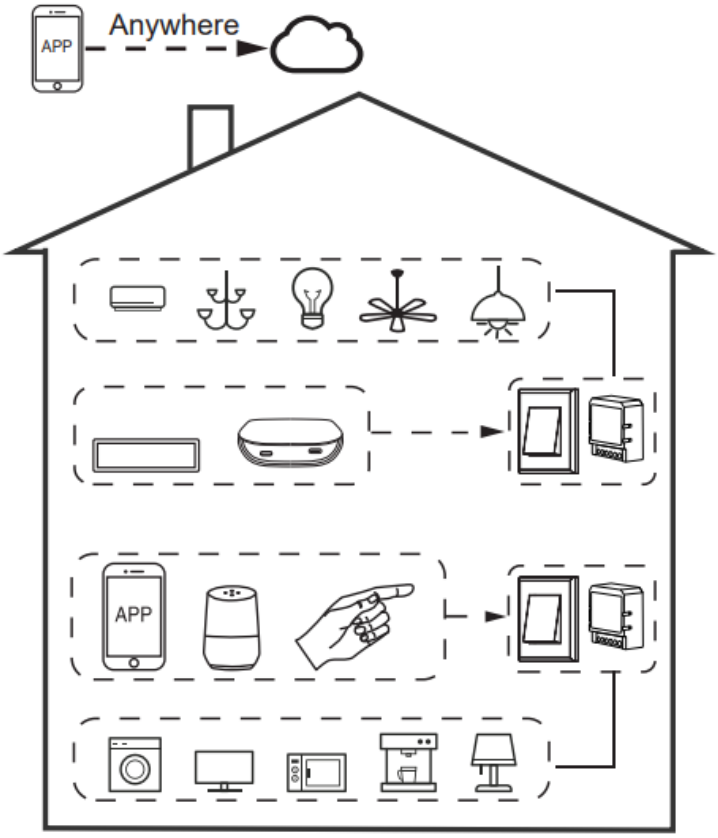
With mounting clip



Global international

Global international operation, Whenever & Wherever You are, All-in-one Mobile App





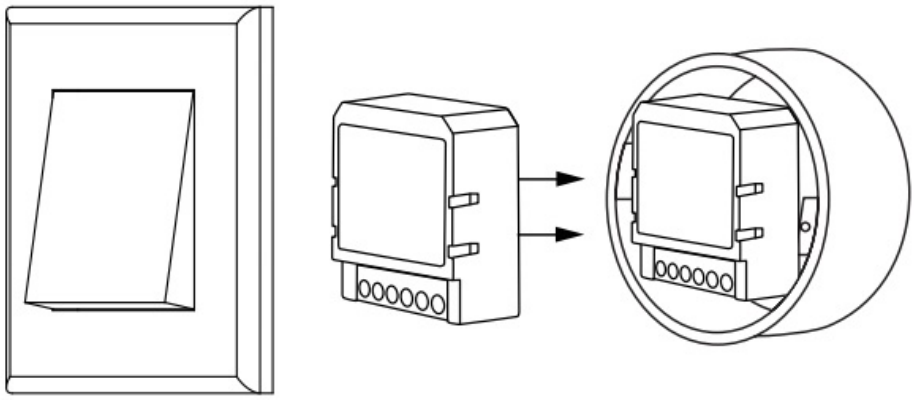
In-house local operation

INSTALLATION

Warnings:

1. Installation must be carried out by a qualified electrician under local regulations.
2. Keep the device out of reach of children.
3. Keep the device away from water, damp or hot environments.
4. Install the device away from strong signal sources such as a microwave oven that may cause signal interruption, resulting in abnormal operation of the device.

5. Obstruction by a concrete wall or metallic materials may reduce the effective operation range of the device and should be avoided.
6. Do NOT attempt to disassemble, repair or modify the device.



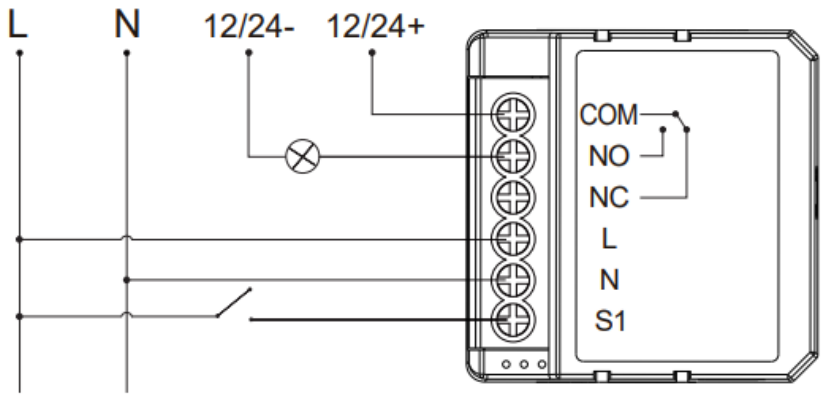
MANUAL OVERRIDE

The switch module terminal reserves access to the manual override function for the end-user to switch on/off.

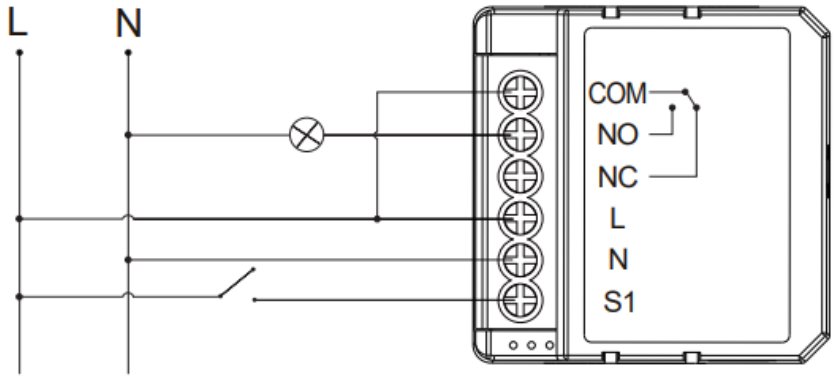
Switch on/off for permanent on/off function

1. **Notes:** Both the adjustment on App and the switch can overwrite each other; the last adjustment remains in memory.
2. The App control is synchronised with the manual switch.

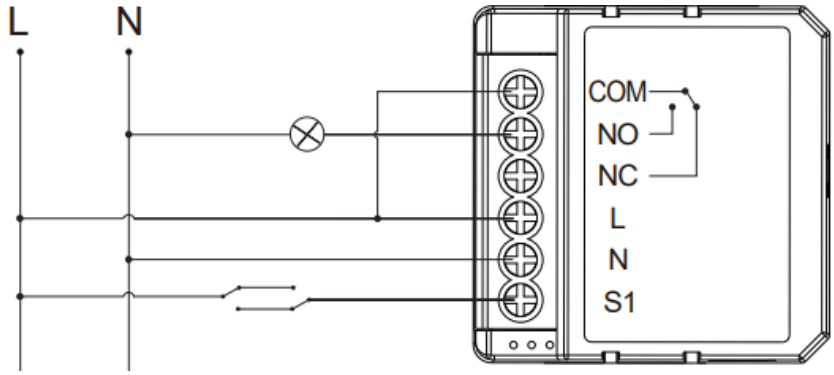
Low-voltage lamp wiring diagram



High voltage lamp wiring diagram



Double Switch



Wiring Instructions and Diagrams

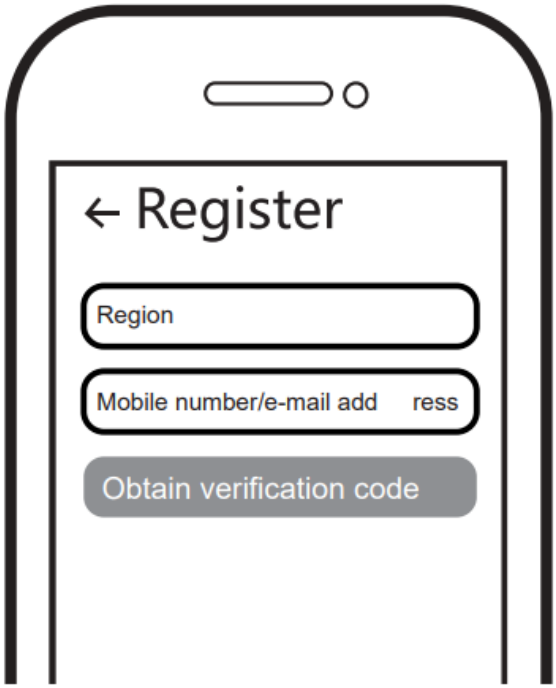
1. Turn off the power supply before carrying out any electrical installation work.
2. Connect wires according to the wiring diagram.
3. Insert the module into the junction box.
4. Turn on the power supply and follow the switch module configuration instructions.

APP USER MANUAL

IOS APP / Android APP

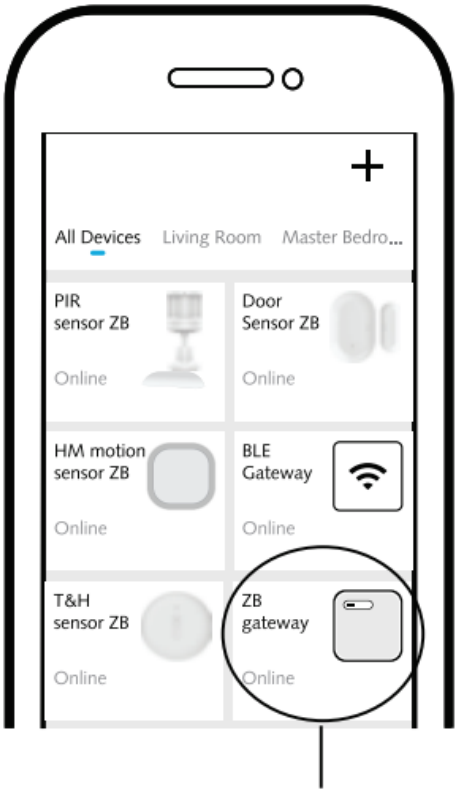
1. Scan the QR code to download the AVATTO App, or you can also search for keywords “AVATTO” and “Smart Life” at the App Store or Google Play to download the App.

2. Log in or register your account with your mobile number or e-mail address. Type in the verification code sent to your mobile or mailbox, then set your login password. Click “Create Family” to enter the APP.



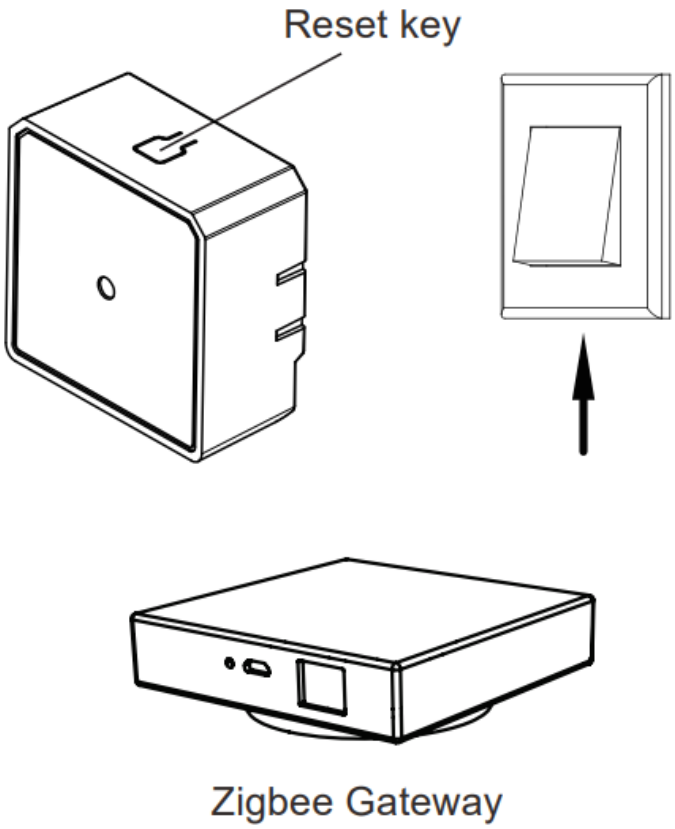
- Open the control panel of the Zigbee gateway on the App.

3. Before making the reset operation, pls make sure the Zigbee Gateway is added and installed to the WIFI network. Ensure that the product is within the range of the Zigbee Gateway Network.

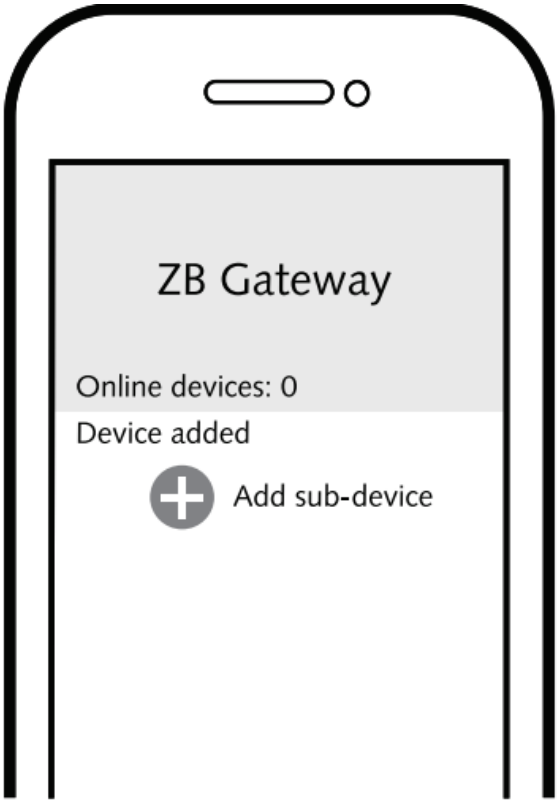


4. After the wiring of the switch module is done, press the reset key for about 10 seconds or turn on/off the traditional switch 5 times until the indicator light inside the

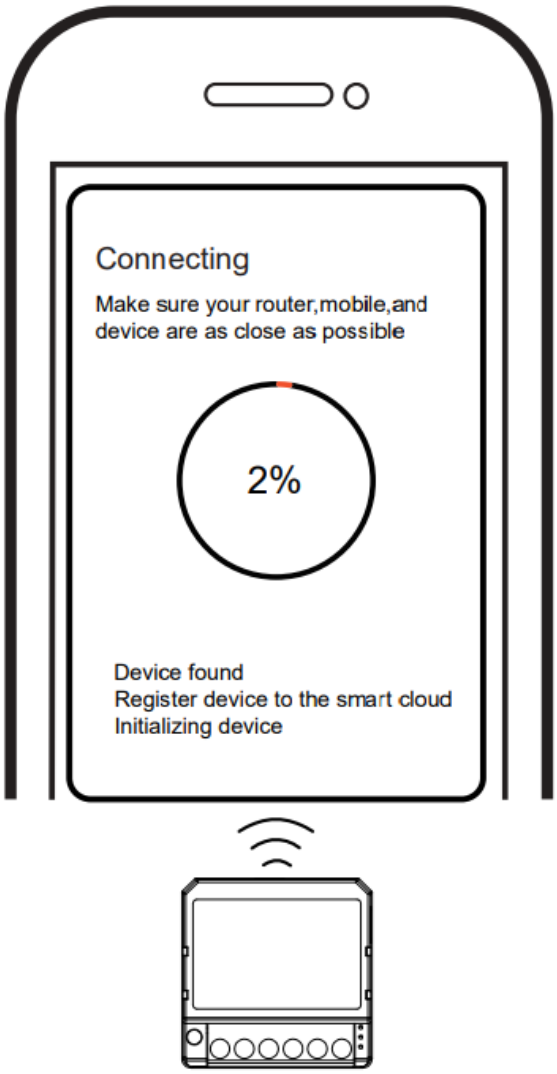
module is flashing quickly for pairing.



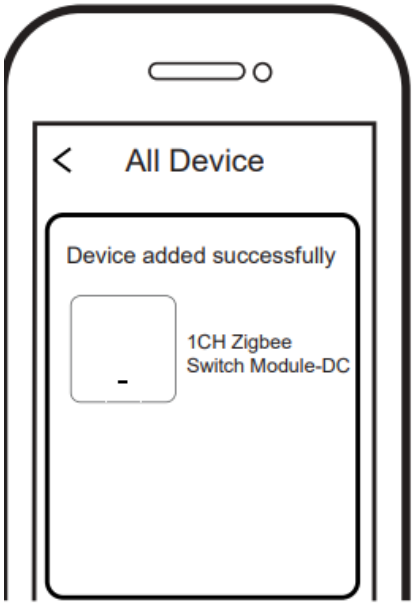
5. Click “+” (Add sub-device) to select the suitable product gateway and follow the on-screen instructions for pairing.



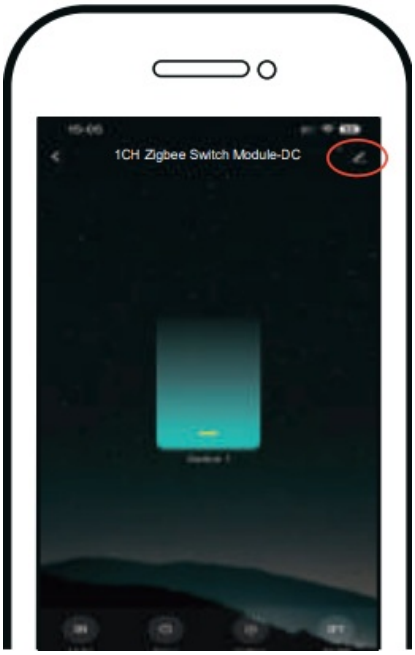
6. The connection will take about 10-120 seconds to complete, depending on your network condition.



7. Finally, you can control the device via your mobile phone.



8. An icon in the upper right corner of the interface, customizable naming.



SYSTEM REQUIREMENTS

- WIFI Router
- ZigBee gateway
- iPhone, iPad (iOS 7.0 or higher)
- Android 4.0 or higher

Frequently Asked Questions

What is the maximum load supported by the switch module?

The switch module supports a maximum load of 150W LED, 5A.

What is the operation frequency of the switch module?

The operation frequency of the switch module is 2.412GHz-2.484GHz.

What should I do if I can’t configure the switch module?

Please check whether the device is powered on. Make sure your mobile and dimmer module are on the same 2.4 GHz WIFI network. Whether it’s in good internet conditions. Make sure the password entered in the App is correct. Make

sure the wiring is correct.

What device can be connected to this Wi-Fi switch module?

Most of your household electrical appliances, such as lamps, laundry machines, a coffee maker, etc.

What happens if the WIFI goes off?

You can still control the device connected to the switch module with your traditional switch, and once WIFI is active again, the device connected to the module will connect automatically to your WIFI network.

What should I do if I change the WIFI network or change the password?

You have to re-connect our Wi-Fi switch module to the new Wi-Fi network accordingly as per the App User Manual.

How do I reset the device?

Power on off the device 5 times until the indicator light flashes. Switch on off the traditional switch 5 times until the indicator light flashes. Press the reset key for about 10 seconds until the indicator light flash.

Documents / Resources

	zigbee 1CH Dry Contact Switch Module-DC [pdf] Instructions 1CH Zigbee Switch Module-DC, 1CH Dry Contact Switch Module-DC, 1CH, Dry Contact Switch Module-DC, Switch Module-DC, Module-DC

References

- User Manual

zigbee

1CH, 1CH Dry Contact Switch Module-DC, 1CH Zigbee Switch Module-DC, Dry Contact Switch Module-DC, Module-DC, Switch Module-DC, Zigbee

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