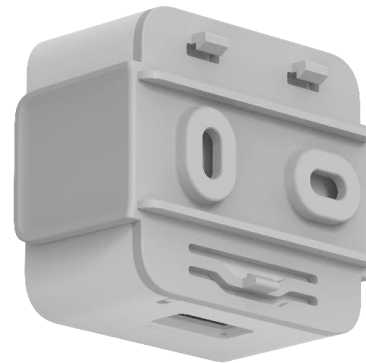


Dual Relay Module T2 Introduction

- ❑ The Aqara Dual Relay Module T2 is a relay control module based on the Zigbee wireless communication protocol that controls on and off of the device power supply. Cooperating with the Aqara hub, it can achieve functions such as remote control, timing control, and electricity statistics of the app.
- ❑ This product can switch the dry node mode through the connecting line to control the motor, garage door, rolling gate and other dry node equipment. Cooperating with the Aqara hub, it can achieve functions such as remote control, timing control, and power statistics of the app
- ❑ Connected to the HomeKit platform, the device can be quickly controlled through the Apple Home App.

Product ID



Product Specification

Product Name	Dual Relay Module T2
Product Model	DCM-K01
Product Size	45.5×48×24 mm (1.79x1.89x0.94 in.)
Product Material	PC
Wireless Protocol	Zigbee
Rated Parameters	AC: 100-250 V, 50/60 Hz/Max.10A, Max 2500W (incandescent lamp); Max.1A, Max 200W (LED, CFL fluorescent lamp); Max 1A, Max 1/4 HP (motor) M.1 DC: 24-30 V: Max.10A, Max 300W (Resistive load); 30-60 V: Max.1A, Max 60W (Resistive load);
Working Temperature	-10 ° C~40 ° C (14 ° F~104 ° F)
Working Humidity	0~95% RH, no condensation

Product Selling Points

Aqara



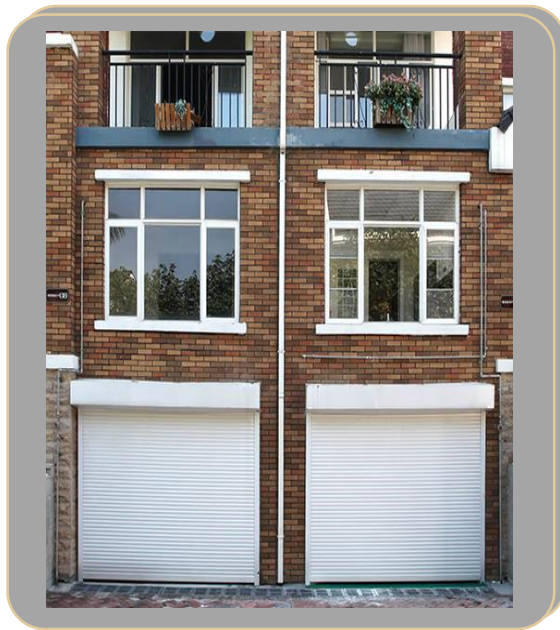
continuous connection

Product Usage Scenarios



Wet node mode

2-circuit 10A high current design



Dry contact mode

1. Normal open/closed pulse signal
 2. On/Off Signal
- It can be used for motor, garage door, rolling gate, boiler and other dry contact equipment



Din rail installation

Hardware Introduction

1. Antenna

2. Din Rail Connector

3. Indicator Light

4. Reset button:

Long Press 5s- enter pairing mode

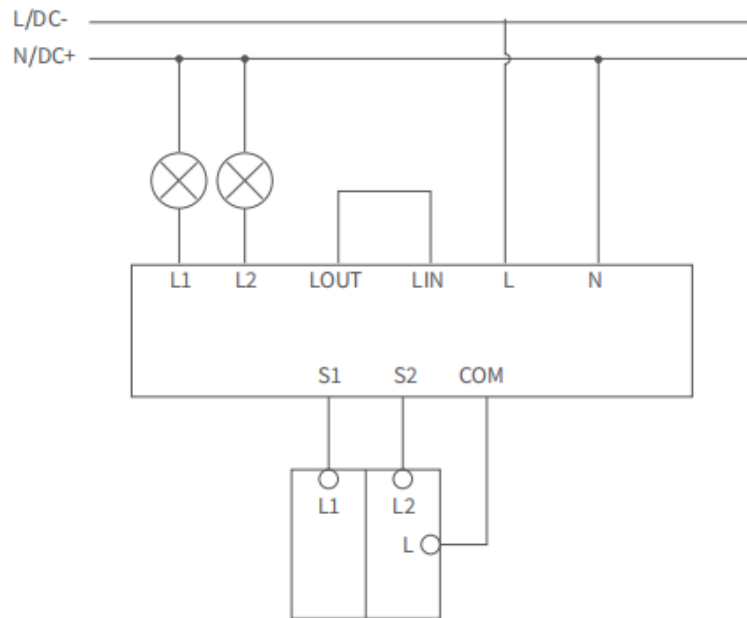
Short Press 3 times- verify effective distance



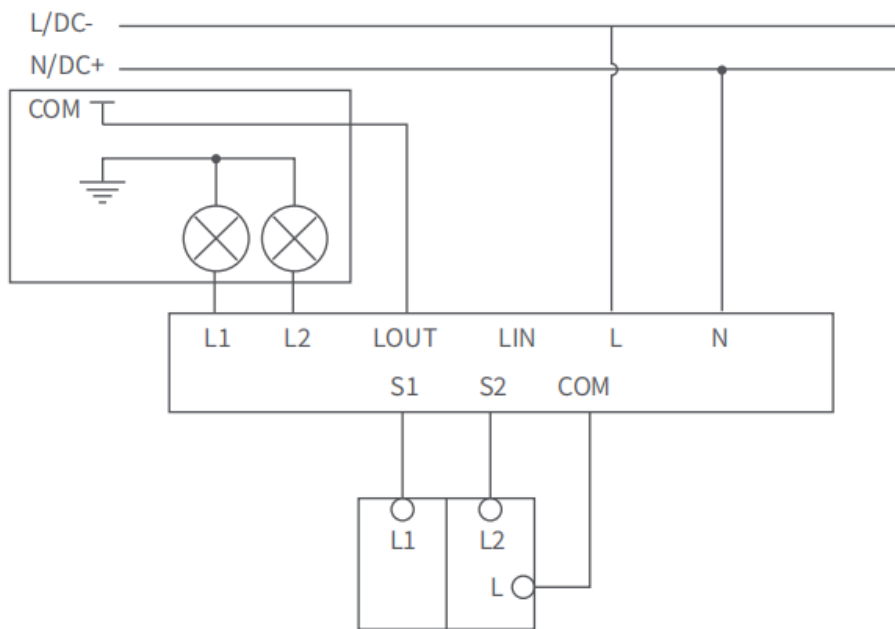
Indicator Light

Device Status	Indicator Light Status	Key Actions
Power on device	Blue light flashes once	
Device pairing	Blue light flashing fast	
Network not connected	Red light flashing slowly	
Device is working properly	Blue light always on	
Over temperature overload	Red light flashing fast	
Reset pairing	The red light is lit once, and the blue light flashes quickly	Press and hold the button for 5 seconds

Product Installation



Wet Contact



Dry Contact

Software Function

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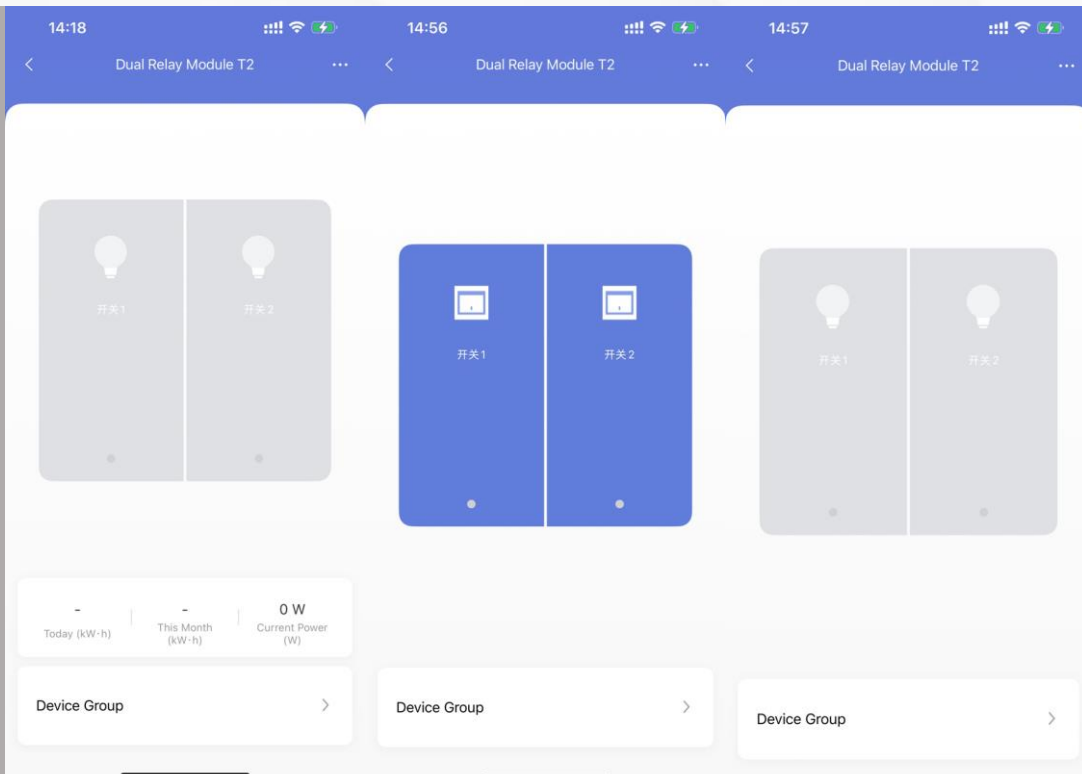
Page ①: Wet contact mode device homepage

Page ②: Dry Contact - Pulse Mode Device Home Page

Page ③: Main page of dry contact on/off mode device

Wet node: The controlled device has no active power supply and is powered by a dual control module.

Dry node: The controlled device has power supply and does not require power supply through dual control modules.



Page ①

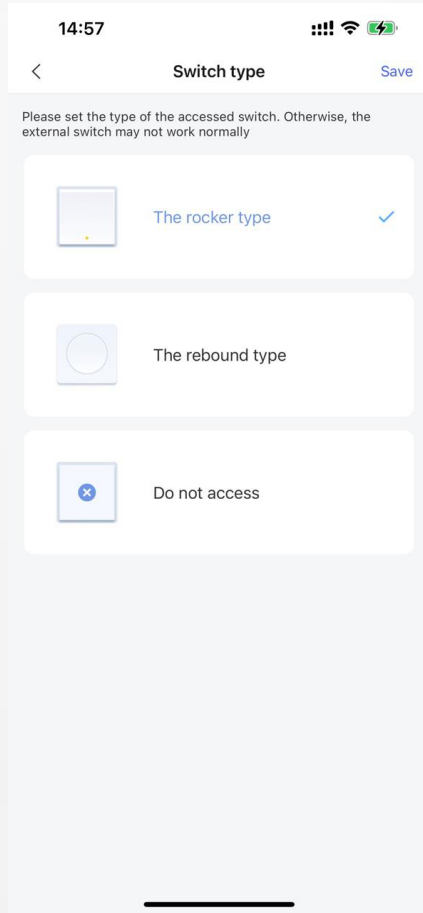
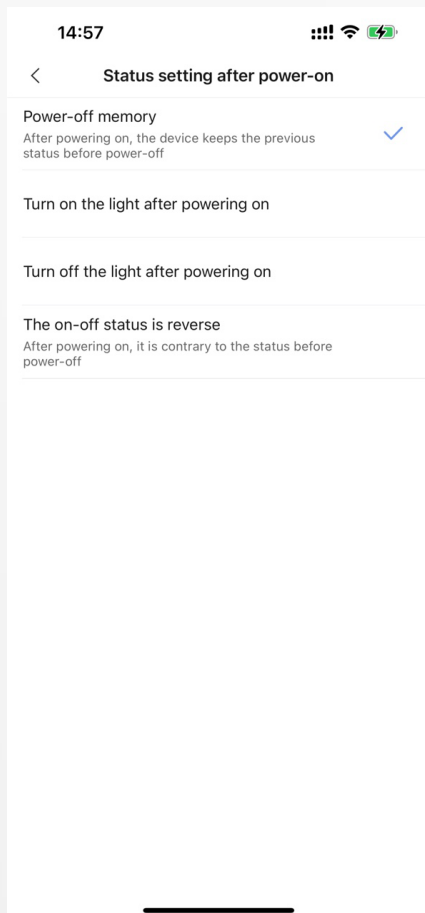
Page ②

Page ③

continuous connection

Software Function

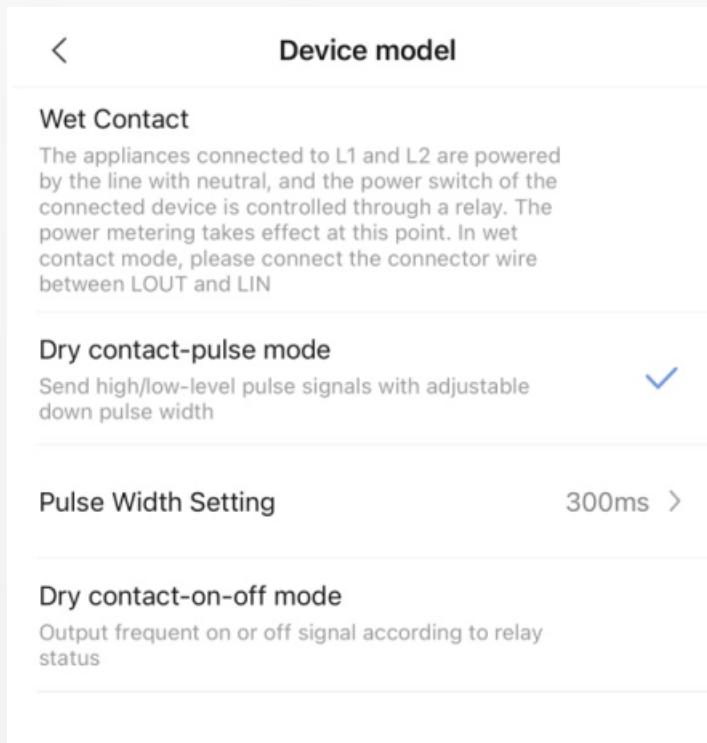
Aqara



s connection

Dry Contact Mode Declaration

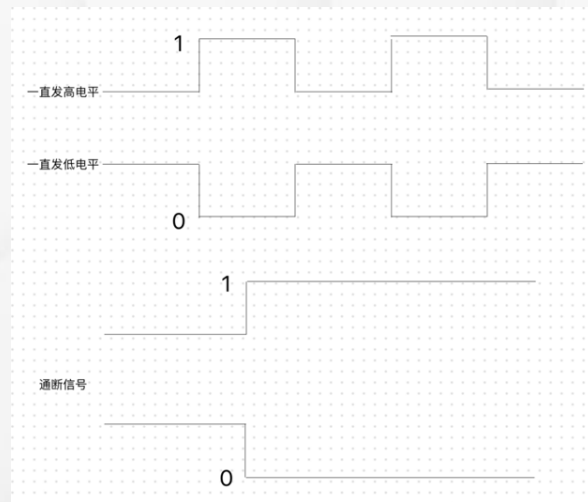
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Pulse signal: Sends high/low level pulse signals with adjustable lower pulse width (similar to H1 switch pulse width configuration).

*Pulse width range: 300-2000ms (reference: H1 neutral wall switch)

On/off signal: outputs a normally open and close signal based on the relay status



continuous connection

Hub & Platform Support



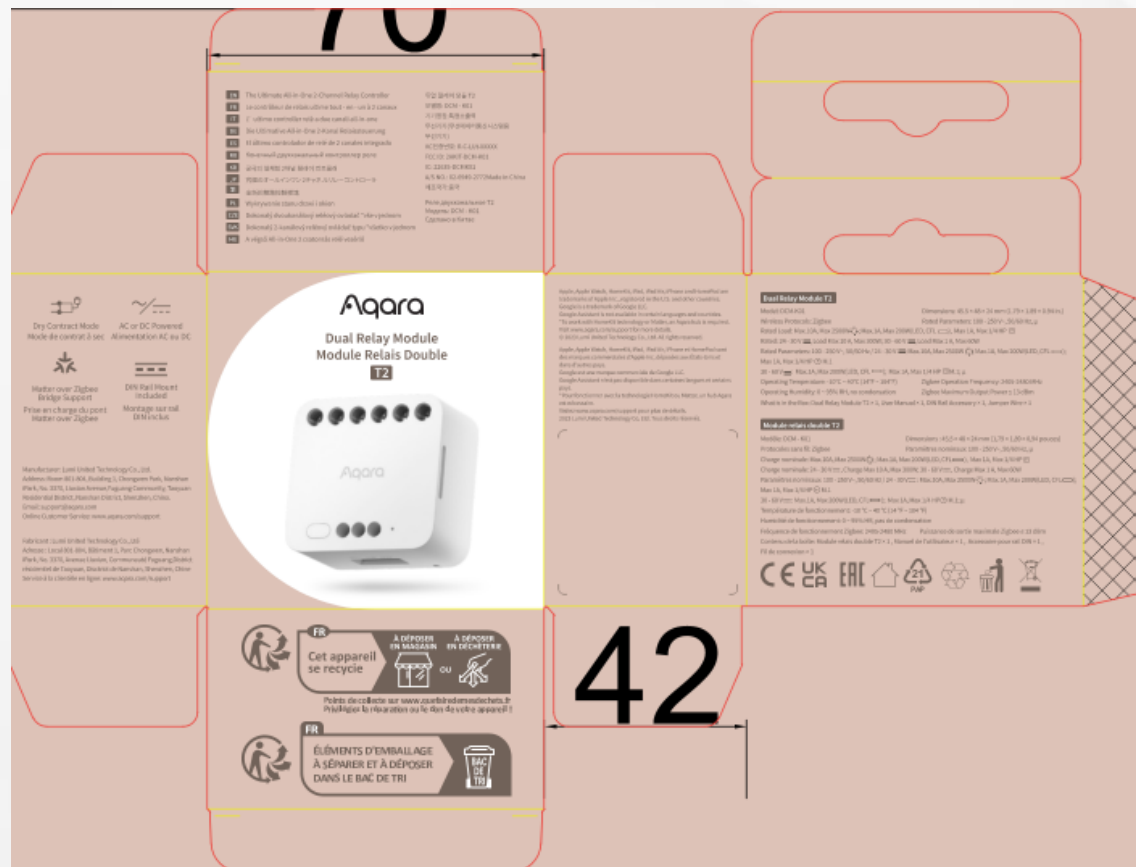
Device Information	State
M2	Version 4.0.3, Around 6.15
Aqara E1	Version 4.0.2 Complete gradually in May 2023
M2 2022	
M1S	
M1S GEN 2	
G2H Pro	
G2H Pro	
G3	

Voice Platform Support

Overseas Platform	Support Commands	State
Siri	Turn on device Turn off device	Completed
Google	Turn on device Turn off device	
Alex	Turn on device Turn off device State Report Change Status report	
Clove	Turn on device Turn off device Get device status Health check	
Yandex	Devices. types. switch	
IFTTT	Wall Switch was turned on/off (for Double Rocker/Channel switch or module)	

Product Packaging

Aqara



continuous connection

1. What is the difference between a dual relay module T2 and a wall switch?

- ① Wall switches can be directly controlled locally, while the dual-control module T2 needs to be connected to the existing traditional switch to achieve local control;
- ② The dual-control module T2 needs to be connected to the neutral and live wires. The wall switch has both neutral and live wire switches and single live wire switches;
- ③ The installation position of the dual-control module T2 is more flexible, it can be placed in the junction box, on the ceiling, and in the electrical box at the same time.

2. What's the difference between a dual relay module T2 and a wireless switch?

The dual relay module T2 is connected to a wire and the most critical role is to be able to remotely and intelligently control the power supply and disconnection of the connected circuit, allowing ordinary electric lights to be transformed into smart lights;

The wireless switch is a controller that can control devices such as the dual relay module T2 by setting it up via the APP, but it cannot directly control the electric light.

3. What is the difference between a dual relay module T2 and a 2-way control module

The dual relay module T2 retains the functionality of the previous generation of dual relay module T2s with the addition of a dry node function, which allows for the adaptation of more devices, while optimising the size of the product, which is smaller than the previous generation; an additional Ding rail assembly has been added to allow the product to be placed inside the electrical box.

4. How to install the dual relay module T2

"Please strictly follow the wiring instructions in the product manual and it is recommended that it be operated by professional electricians.

- 1. If you want to achieve both wireless control and local control. Please follow the wiring diagram to connect a conventional switch. The dual relay module T2 can be placed in the junction box.
- 2. If only wireless control is required, please follow the wiring diagram. The 2-way control module T2 can be placed in the ceiling etc."

5. What are the wiring holes in Dual control module T2 used for?

"Dual circuit control module T2 has a total of 9 wiring holes, of which hole N is connected to the zero wire and hole L to the fire wire.

1. If using the wet node mode, the LIN and LOUT holes must be shorted with the supplied red jumper (connect the two holes with wires), the L1 and L2 holes are connected to the luminaire load wires and the S1, S2 and COM holes are connected to the conventional switch.

2. If using the dry node mode, the LIN and LOUT holes must not be shorted (no wire to connect the two holes), the L1 and L2 holes are connected to the load line of the controlled equipment, the LOUT hole is connected to the common line of the controlled equipment, and the S1, S2 and COM holes are connected to the traditional switch. Please see the product manual for detailed wiring instructions."

6. How to identify the fire and load wires?

The fire wire is generally red, the zero wire is generally black or blue and the luminaire load wire is generally green or yellow. It is recommended to be tested by a professional electrician using professional tools such as an electric pen before installation.

7. Will the wrong wiring holes short circuit?

If the zero and fire wires are reversed, it can be used normally, but after the equipment is switched off, the fire wire on the luminaire holder is not disconnected and there is a risk of electric shock; if the luminaire load wire is mistakenly connected to the L or N hole, it will not be short-circuited, but the equipment will not respond, restore the correct connection and you can use it; please wire the product according to the wiring diagram in the product manual to ensure that the product can be used normally.

8. What is the maximum communication distance between the Dual Control Module T2 and the gateway?

The communication distance between the dual relay module T2 T2 and the gateway can reach 7-10 meters when separated by a wall; in the case of more walls, it is recommended to connect as close as possible.

9. How much power do I need for the T2 to work properly?

The dual relay module T2 T2 has no minimum load requirement as it is connected to the zero and fire wires, but requires a maximum load of no more than 2500 W for the total number of circuits.

10. Does the Dual Control Module T2 support the dual control function?

By using the dual relay module T2 T2 with the wireless switch, the dual control function can be achieved very easily. The wireless switch can be placed in most locations in the home at will and linked to control the dual relay module T2;

Thank you