Product Introduction

Aqara Dual Relay Module T2 is a relay control module based on Zigbee wireless communication protocol to control the power on and off of lights, fans and other devices.This product can switch dry/wet node mode by connector wire. It also can realize the functions of app remote control, timing control, power statistics, etc. with the hub; HomeKit platform has been accessed, and the device can be quickly controlled through the home app.
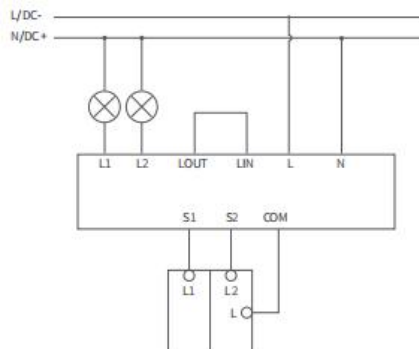
*This product needs to be used with a device that has Zigbee 3.0 hub function. Some features require the support of specific model hubs, please check the detailed list at: www.aqara.com/support.

Installation

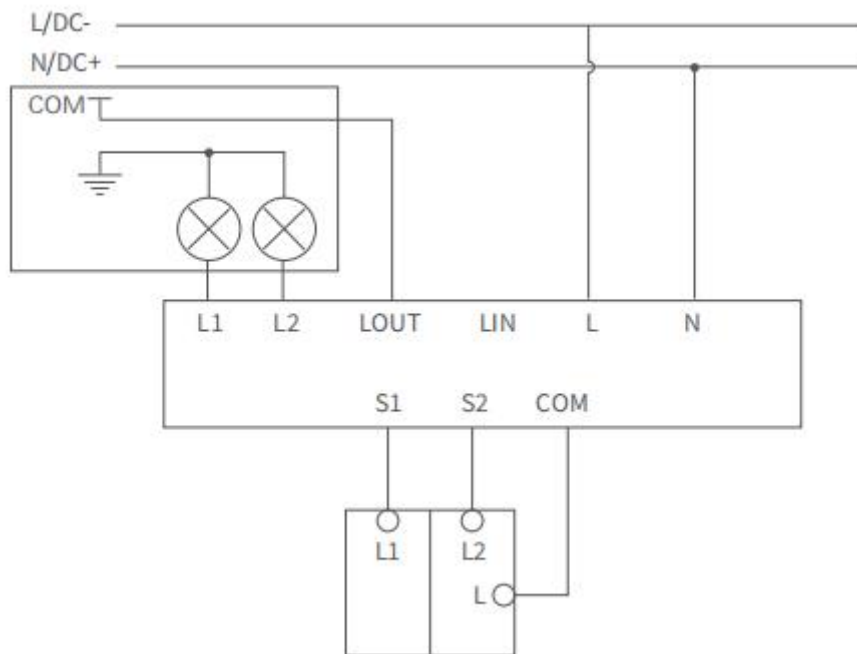*Make sure the mains is switched off before installation

Wet node mode(Access to the equipment is powered by the zero-fire line and the equipment is controlled via relays)

1. Use a screwdriver to loosen the terminal block screws of the device and connect the Connect the zero wire to the N hole, the fire wire to the L hole, use the connecting wire to connect the LIN hole and LOUT hole, connect the load (lamp) wire to L1 and L2.
2. If the user wishes to retain local control of the original switch, the wiring as shown in the diagram below. Connect the common terminal of the external switch to the COM hole, connect the switch control wires to S1 and S2, make sure the wiring is Tighten the terminal screws once the wiring is correct.
3. Turn on the main power switch and add devices according to the quick setup.
4. Mechanical switch only available at AC 85V or above, no function for DC voltage.

Dry node mode(Controlled devices are controlled by means of dry node signals)

1. Use a screwdriver to loosen the device terminal screws, connect the zero wire to hole N and the fire wire to hole L as shown in the diagram, connect the controlled dry node device to L1 and L2 and connect the COM terminal to the LOUT hole.

2. If the user wishes to retain the local control of the original switch, the wiring is as shown in the diagram below. Connect the common terminal of the external switch to the COM hole and the switch control wires to S1 and S2. After confirming that the wiring is correct, tighten the terminal screws.

3. Turn on the main power switch and add devices according to the quick setup.

4. Mechanical switch only available at AC 85V or above, no function for DC voltage.

Device Binding & Initialization

1. Before activating the accessory, please make sure you have the Aqara Home downloaded and Aqara hub installed.
2. Please open the app,"tap Home"and then tap"+"in the top right corner to enter"Add Device (Accessory)"page. Select"Dual Relay Module T2", and add it according to instructions.
* If the connection fails, please move the accessory closer to the Hub and try again

Verification of Effective Distance: Quickly press any button of the switch 3 times, and the hub beeps, indicating that the device and the hub can communicate effectively with each other.
*Only the Aqara Home app supports this feature.

Product Specifications

Dual Relay Module T2

Model: DCM-K01

Wireless Protocols: Zigbee

Dimensions: ∅ 45.5 × 48 × 24 mm (1.79 × 1.89 × 0.94 in.)

Rated Parameters: 100 - 250 V~, 50/60 Hz, µ

Rated Load: Max.10A, Max 2500W(Incandescent lamps); Max.1A, Max 200W(LED, CFL , Fluorescent lamps),   Max 1A, Max 1/4 HP(Motors)

Rated: 24 - 30 V⎓ , Load Max 10 A, Max 300W; 30 - 60 V⎓ , Load Max 1 A, Max 60W

Rated Parameters: 100 - 250 V~, 50/60 Hz / 24 - 30 V⎓ : Max.10A, Max 2500W(Incandescent lamps); Max.1A, Max 200W(LED, CFL, Fluorescent lamps);   Max 1A, Max 1/4 HP(Motors) M.1

30 - 60 V⎓ : Max.1A, Max 200W(LED, CFL, Fluorescent lamps);   Max 1A, Max 1/4 HP(Motors) M.1; µ

Operating Temperature: -10°C ~ 40°C (14°F ~ 104°F)

Operating Humidity: 0 ~ 95% RH, no condensation

Zigbee Operation Frequency: 2405-2480 MHz

Zigbee Maximum Output Power ≤ 13 dBm

Warnings

1. This product is NOT a toy. Please keep children away from this product.

2. This product is designed for indoor use only. Do NOT use in humid environments or outdoors.

3. Beware of moisture, do NOT spill water or other liquids onto the product.

4. Do NOT place this product near a heat source. Do NOT place it in an enclosure unless there is normal ventilation.

5. Do NOT attempt to repair this product by yourself. All repairs should be performed by an authorized professional.

6. This product is only suitable for improving the entertainment, convenience of your home life and reminding you about the device status. It should NOT be used as security equipment for home, building, warehouse or any other places. If a user violates the product use instructions, the manufacturer will NOT be liable for any risks and property losses.

7. Please do not overload it. Please make sure that the 10A over-current protection circuit breaker on the front end of this product works normally before it powers on. Recommended stripping length for terminal wiring: 6~8 mm

8. After the device powers on, all the conductors (including the antenna) of the device may be connected with strong electricity. Please make sure that the product is fixedly installed in a protective enironment that cannot be reached by hands,such as switch pattress and protective and protective cover of the bulb.