

Aqara Dual Relay Module T2 – FAQ



What products are recommended for the Aqara Dual Relay Module T2?

The Aqara Dual Relay Module T2 can control the following products: non-smart lamps, curtain motors, garage doors, roller gates, projector screens, and other non-smart switches, etc.

Can the Aqara Dual Relay Module T2 be connected directly to a mobile phone?

The Aqara Dual Relay Module T2 cannot be directly connected to a mobile phone. To use it, update the hub firmware to the latest version, connect the Aqara hub to the mobile phone, and then connect the Aqara Dual Relay Module T2 to the hub. The following hubs are compatible:

- G2H Pro Camera Hub
- G3 Camera Hub
- E1 Hub
- M1S Hub
- M1S Gen 2 Hub
- M2 Hub

What is the maximum communication distance between the Dual Relay Module T2 and the hub?

The communication distance between the Dual Relay Module T2 and the hub is 7–10 metres if separated by a single wall. If separated by multiple walls, it is recommended to place them as close to each other as possible.

How can live wires and load wires be distinguished?

- The live wire is typically red.
- The neutral wire is usually black or blue.
- The load wire for lighting products is often green or yellow.

It is recommended that a professional electrician uses appropriate tools, such as a test pen, to identify the wires before installation.

What is the required power rating for lighting products to function with the Dual Relay Module T2?



The Dual Relay Module T2 has no minimum load requirement, as it connects to both the neutral and live wires. However, the maximum load should not exceed 2500W (for 250V) or the total circuit rating.

What is the purpose of the wiring terminals in the Dual Relay Module T2?

1. Power Supply Wiring:
 - Terminal N connects to the neutral wire.
 - Terminal L connects to the live wire for power supply to the relay.
2. Wet Contact Mode:
 - Terminals LIN and LOUT must be shorted using the provided red jumper wire.
 - Terminals L1 and L2 connect to the load wires of the light.
 - Terminals S1, S2, and COM connect to a conventional switch.
3. Dry Contact Mode:
 - Terminals LIN and LOUT must not be shorted (the jumper wire should be removed).
 - Terminals L1 and L2 (optional) connect to the load wires of the controlled equipment.
 - The COM terminal of the controlled device connects to the relay's LOUT terminal.

Please refer to the product manual for detailed wiring instructions and strictly follow the guidelines provided.

4. In the app, select the appropriate switch type and choose between Dry/Wet Contact Mode.

Will there be a short circuit if the wiring terminals are connected incorrectly?

1. If the neutral and live wires are reversed, it can cause a short circuit and potentially damage the electrical system. Ensure the wires are correctly and securely connected to avoid electrical hazards.
2. If the load wire for the lighting products is mistakenly connected to Terminal L or N, there will be no short circuit, but the equipment will not function.
3. Always follow the wiring diagram in the user manual to ensure proper functionality.

Does the Dual Relay Module T2 support multi-way switch setups?

Yes, using the Dual Relay Module T2 with a wireless switch enables multi-way switch setups. The wireless switch can be placed anywhere in the home and used to control the Dual Relay Module T2.

What is the difference between the Dual Relay Module T2 and a wireless switch?

- The Dual Relay Module T2, when connected to wires, allows remote and intelligent control of the power supply for connected circuits, turning conventional lights into smart lights.
- A wireless switch, on the other hand, acts as a controller that can operate devices such as the Dual Relay Module T2 via the app but cannot directly control electric lights.

What is the difference between the Dual Relay Module T2 and a wall switch?

1. Wall switches can be controlled locally without any additional setup, while the Dual Relay Module T2 must be connected to an existing traditional switch to enable local control.
2. The Dual Relay Module T2 requires a connection to both the neutral... (The text cuts off here; ensure to complete the information as needed.)



What is the difference between the Dual Relay Module T2 and the Dual Relay Module?

The Dual Relay Module T2 includes all the features of its predecessor, with several enhancements:

1. Dry Contact Mode: Adds compatibility with a wider range of devices.
2. Compact Design: The T2 has a smaller form factor for easier installation.
3. DIN Rail Mount: Now included, enabling installation within a wall box and expanding placement options.