Roller Shutter

CT-HAZW1027-FBR

Introduction

Roller Shutter is a universal and HiotH-compatible controller that can able to control shuttles, roller shutters, sunshades and other motors. In addition to control wirelessly and locally through wall switches, it can also detect the current position of the curtain.

With the roller shutter, users will be allowed to link with the sensors in the area, pre-set the brightness of the upper and lower limits in order to achieve the automatic curtain adjustment.

Technical Information

- Control curtains by wirelessly or locally through wall switch
- Able to detect the current shutter or curtain position
- Can control shutters, roller blinds, awning and other motor

Specification

1. Wireless protocol: Z-Wave

2. Radio Frequency: 868.4MHz EU; 908.4MHz US; 921.4Hz ANZ; 869.2Hz RU

3. Power supply: AC 110-230V +/-10% 50Hz/60 Hz

4. Circuit Temperature limit: 105℃

5. Operational Temperature: 0℃ ～ 40℃

6. Range: up to 100m outdoors, 30m indoors (depending on the building materials used)

7. Dimension：42mm x 37mm x 17mm（L x W x H）

Installation Instruction

WIRING INSTRUCTION

1) A push button connected to S1 terminal operates the O1 output, while the push button connected to S2 terminal operates the O2 output. It's recommended to connect an UP button to S1 terminal and a wire, responsible of up movement, to O1 output terminal. Respectively, a DOWN button should be connected to S2 terminal and a wire, responsible of down movement, to O2 output terminal.

2) Roller Shutter is dedicated to operate with AC powered electric motors. Connecting the device directly to DC powered motors may result in them being damaged.

WIRING DIAGRAM:

L - Live lead;

N - Neutral lead;

S1 - Motor interface 1;

S2 - Motor interface 2;

O1 - Switch 1

O2 - Switch 2
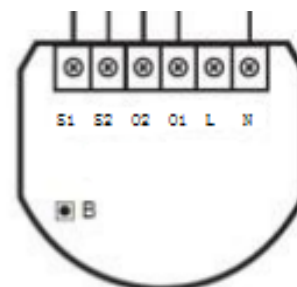
B - Service button (add or remove a device)

Fig. 1

PRODUCT INSTALLATION

1) Before installation make sure the voltage supply is disconnected;

2) Connect the Roller Shutter in accordance with the wiring diagram presented on Fig1.. Fig.2.,
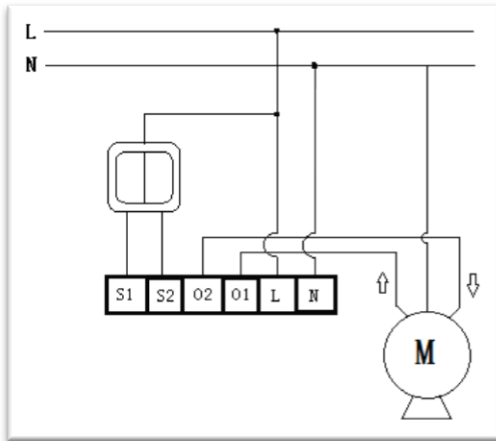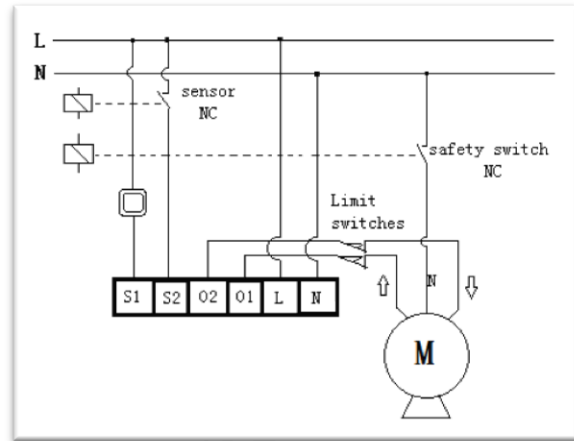   (roller blinds, venetian blinds) and Fig.3 (gates);

Fig. 2   Fig. 3

3) Place the device in a switch box;

4) Arrange the antenna;

5) Turn on the power (pay attention to safety measures);

6) Include the module into HiotH network.

Operation

NETWORK ENTRY

1) Turn on the power and make sure that device in a state of "No node ID".

2) Please follow the below menu order on APP to find the network join interface:

   Log in > Menu bar > Device Management > Add device

3) Choose "Z-Wave" and enter the device ID on the APP, then click "✓".

4) Triple click the service button within 1.5 seconds.

5) Refresh the device list after prompting "Add device successfully", the device will be displayed.

NETWORK KICKOUT

1) Make sure the device is powered on;

2) Delete the device from device list on APP, click "Finish";

3) Triple click the service button within 1.5 seconds.

4) Refresh the device list;

5) If the device still display on the list (network kickout failed), repeat steps 2-4.

   If the device is online, directly perform steps 1-5;

   if the device is offline, interrupt the device power supply first, then perform step 1-5.

DEVICE RESET

1) Make sure the device is powered on;

2) Long press the B-button for 14 seconds;

3) LED indicator will turn to yellow;

4) Release the B-button and short press it again;

5) The Roller Shutter is being reset.

6) The module goes into the network entry mode until any button is pushed.

Safety Notice

● Installers should know the common sense of electricians and safety awareness of wiring;.

● Please power off the device before installation as well as confirm whether it meets the required voltage of the device to ensure the safety of personnel and device;

● The device needs to be kept away from corrosive substances to avoid being injury;

● The device requires the latest software; otherwise the status may not be accurate.