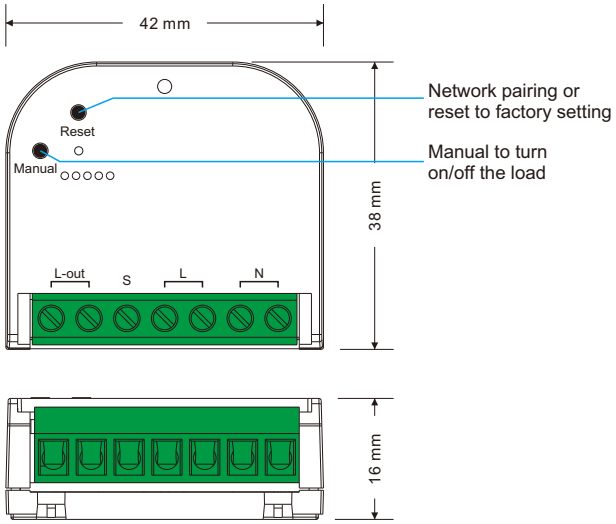
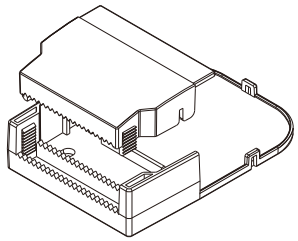
ZigBee Smart Relay Module

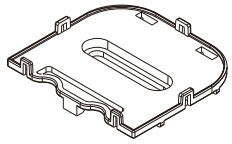
Important: *Read All Instructions Prior to Installation*

Function introduction





Accessory 1: Wire clamp cover.
Need to purchase separately.



Accessory 2: din rail bracket.
Need to purchase separately.

Product Data

Input Voltage	Output Voltage	Max. Load Current	Standby Power Consumption	Size(LxWxH)
100-240Vac	100-240Vac	Resistive load: max. 4.3A, Capacitive/Inductive load: max. 1.7A	<=0.5W	42x38x16mm

- ZigBee in wall smart relay module based on latest ZigBee 3.0 protocol
- Supports resistive loads, capacitive loads or inductive loads
- 1 channel output, max. load up to 4.3A
- Input and Output with Screw Terminals, Safe and Reliable
- Enables to control ON/OFF of connected light source
- ZigBee end device that supports Touchlink commissioning
- Supports self-forming zigbee network without coordinator and add other devices to the network
- Supports zigbee green power feature and can bind max. 20 zigbee green power remotes
- Compatible with universal ZigBee gateway products
- Active power and energy metering functionality
- Mini Size, Easy to be Installed into a standard size wall box

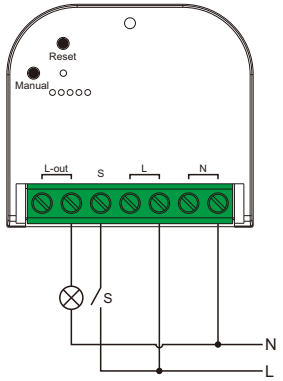
Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

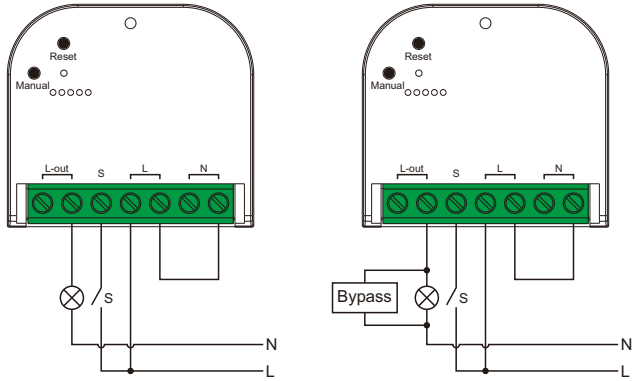
Wiring Diagram

Notes for the diagrams:
L - terminal for live lead
N - terminal for neutral lead
L-out - output terminal of the dimmer (controlling connected light source)
S - terminal for switch

1) Wiring with neutral wire



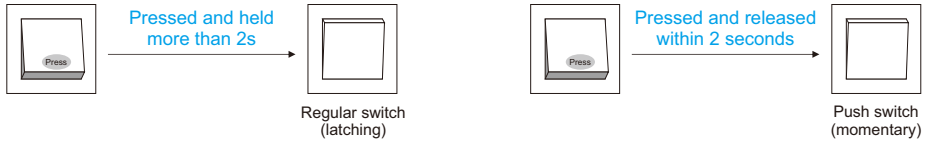
2): Wiring without neutral wire



* When using the device without neutral wire, the smart relay requires at least 3W @ 240 VAC of power consumption to operate. If the connected light has a smaller power consumption, then Bypass is needed for the device to work.

External Switch Type Detection:

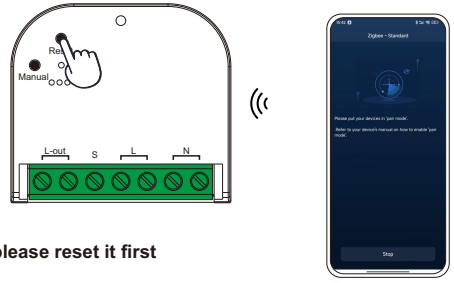
Upon power-up, the default switch type is set to push switch (momentary).
The system detects the actual switch type based on the user's first operation after power-up:
If the switch is pressed and held for more than 2 seconds, it is recognized as a regular switch (latching).



If the switch is pressed and released within 2 seconds, it remains identified as a push switch (momentary).

Zigbee Network Pairing through Coordinator or Hub (Added to a Zigbee Network)

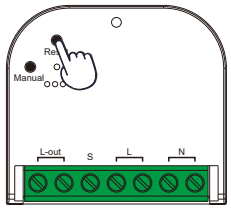
Step 1: From your ZigBee Controller or hub interface, choose to add lighting device and enter Pairing mode as instructed by the controller.
Step 2: Short press the “Reset” button 5 times to set it into network pairing mode. Pairing mode will last until the device is added to a network.
Step 3: Connected light will blink 5 times and then stay solid on, then the device will appear in your controller's menu and can be controlled through controller or hub interface.



*** If the device had been added into the other zigbee network, please reset it first**

Factory Reset Manually

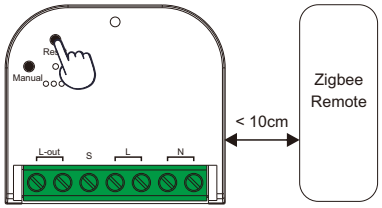
Step 1: Short press “Reset.” key for 5 times continuously.
Step 2: Connected light will blink 3 times to indicate successful reset.



Note:
All configuration parameters will be reset after the device is reset or removed from the network.

Touchlink to a zigbee remote

Step 1: Short press “Reset” button 4 times to start Touchlink commissioning immediately, 180S timeout, repeat the operation.
Step 2: Bring the remote or touch panel within 10cm of the lighting device.
Step 3: Set the remote or touch panel into Touchlink commissioning, please refer to corresponding remote or touch panel manual to learn how.
Step 4: There shall be indication on the remote for successful link and connected light will flash twice.

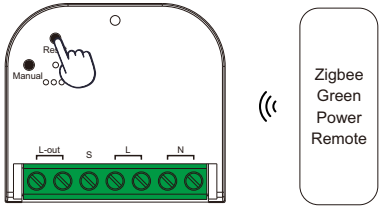


Note:
1) Directly TouchLink (both not added to a ZigBee network), each device can link with 1 remote.
2) TouchLink after both added to a ZigBee network, each device can link with max. 30 remotes.
3) To control by both gateway and remote, add remote and device to network first then TouchLink.
4) After TouchLink, the device can be controlled by the linked remotes.

Learning to a Zigbee Green Power Remote

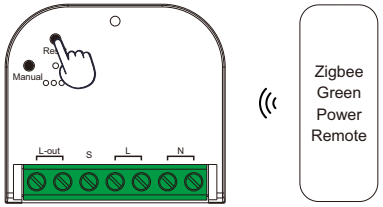
Step 1: Short press “Reset” button 4 times to start Learning mode, 180 seconds timeout, repeat the operation.
Step 2: Set the green power remote into Learning mode, please refer to its manual.
Step 3: LED indicator will flash twice to indicate successful learning. Then the remote can control the device.

Note: Each device can learn to max. 20 zigbee green power remotes.



Delete Learning to a Zigbee Green Power Remote

Step 1: Short press “Reset” button 3 times to start delete Learning mode, 180 seconds timeout, repeat the operation.
Step 2: Set the paired green power remote into Learning mode, please refer to its manual.
Step 3: LED indicator will flash 4 times to indicate successful deleting.



OTA

The device supports firmware updating through OTA, and will acquire new firmware from zigbee controller or hub every 10 minutes automatically.