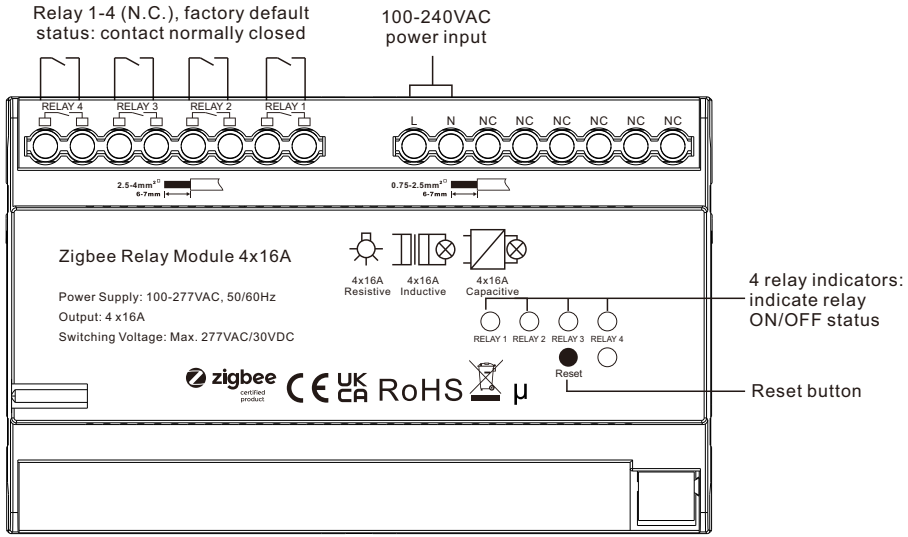
4 Channels DIN Rail Zigbee Relay

Important: *Read All Instructions Prior to Installation*

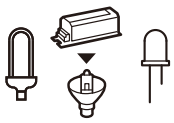
Function introduction



Caution: Only use the electrically isolated tool to press the Reset button.

Product Data

Input	Output, relay			
Voltage	Switching voltage AC	Switching voltage DC	Current	Type of contact
100-277VAC	Max. 277V	Max. 30V	Resistive load: max. 4*16A Inductive load: max. 4*16A Capacitive load: max. 4*16A	4 normally closed

Compatible Load Types		
Load Symbol	Load Type	Maximum Load
	**Resistive loads** Conventional incandescent and halogen light sources	4*3680W @ 230VAC 4*1760W @ 110VAC
	**Capacitive loads** Fluorescent tube lamp (compact / with electronic ballast), electronic transformer, LED	4*3680W @ 230VAC 4*1760W @ 110VAC
	**Inductive loads** Ferromagnetic transformers	4*3680W @ 230VAC 4*1760W @ 110VAC

- Zigbee relay module
- 100-277VAC power supply
- 4 channels relay module, control of 4 standard contactors
- ZigBee device with 4 endpoints which can be controlled separately
- ZigBee end device that supports Touchlink commissioning
- Can directly pair to a compatible ZigBee remote via Touchlink without coordinator
- Supports self-forming zigbee network without coordinator and add other devices to the network
- Supports find and bind mode to bind a ZigBee remote
- Supports zigbee green power and can bind max. 20 zigbee green power switches
- Compatible with universal ZigBee gateway products
- With zero crossing detection, the relay switching life cycle greatly increased
- DIN rail installation, compatible with standard 35mm DIN rail
- 5 years warranty
- Waterproof grade: IP20

Hazard Notes

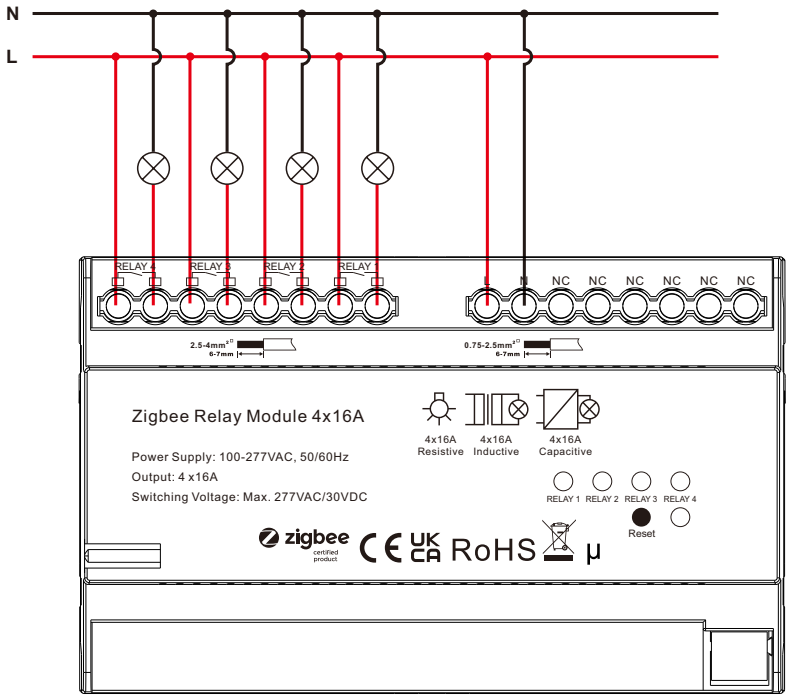
Installation should only be performed by a qualified electrician. Wrong wiring from not following instructions can cause unforeseen behavior, such as fire or destruction of the device. There is a risk of electric shock. Electrical shock can result in death. Prior to installation, disable voltage and cover live parts. Opening the unit or other devices voids the warranty.

Safety & Warnings

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

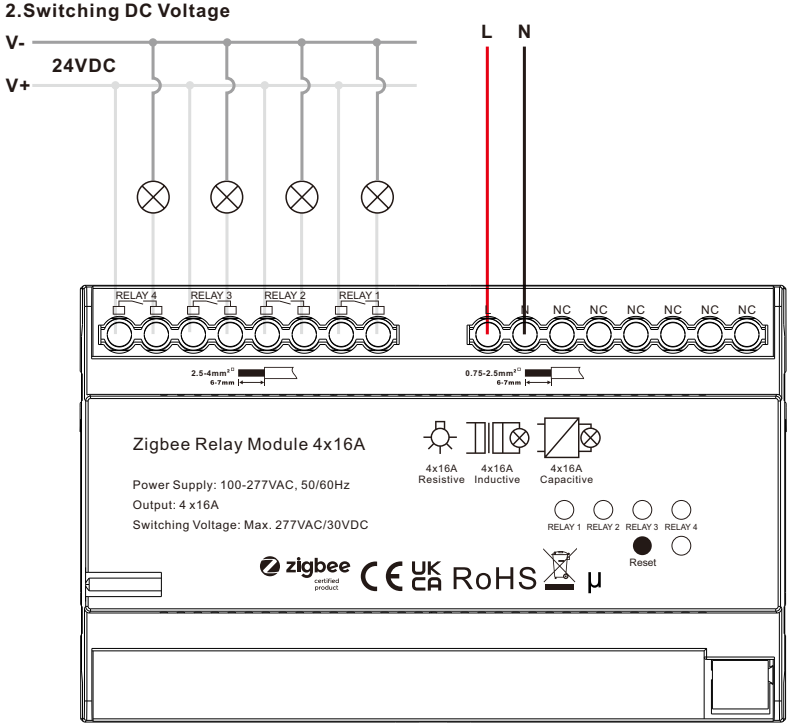
Wiring Diagram

1.Switching AC Voltage

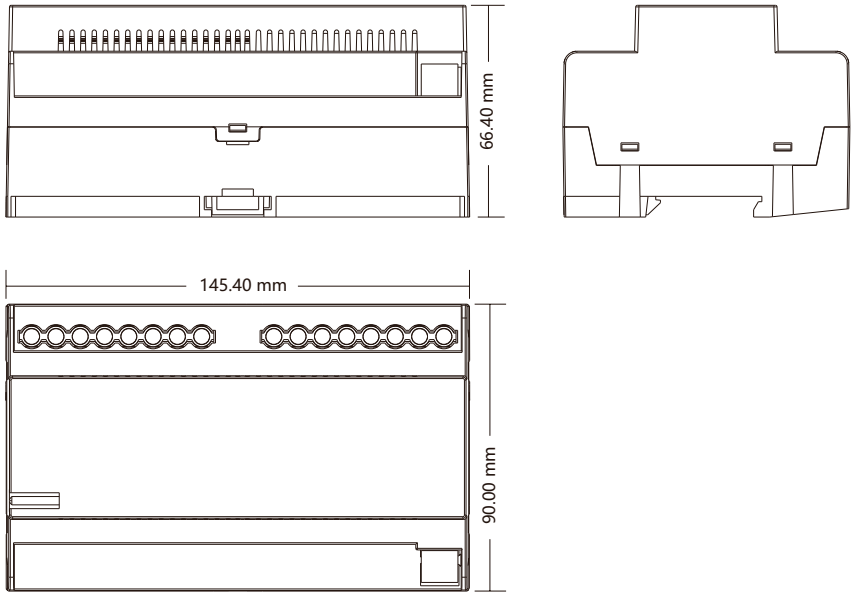


Caution: please make sure the power input and input of the 4 relays are connected to the same phase, do not connect them to different phases, otherwise the device will be damaged.

2.Switching DC Voltage



Product Dimension



Operation

1.Do wiring according to connection diagram correctly.

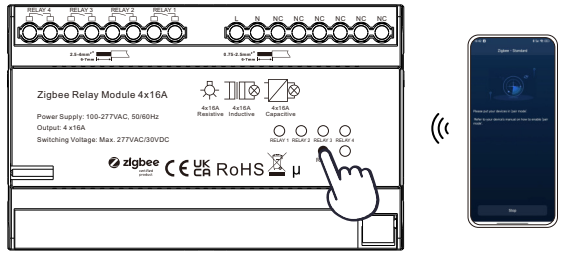
2.This ZigBee device is a wireless receiver that communicates with a variety of ZigBee compatible systems. This receiver receives and is controlled by wireless radio signals from the compatible ZigBee system.

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

Step 1: Remove the device from previous zigbee network if it has already been added to, otherwise pairing will fail. Please refer to the part "**Factory Reset Manually**".

Step 2: From your ZigBee Controller or hub interface, choose to add lighting device and enter Pairing mode as instructed by the controller.

Step 3: Power on the device, it will be set into network pairing mode (connected light flashes twice slowly), the network pairing mode will last until the device is added to a zigbee network.



Step 4: 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.

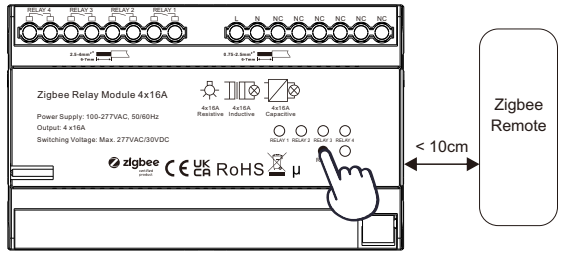
4. TouchLink to a Zigbee Remote

Step 1: Method 1: Short press “Reset” button 4 times (or reset power of the device 4 times) to start Touchlink commissioning immediately, 180S timeout, repeat this step.
Method 2: Add the device to a zigbee network, it will be set into Touchlink commissioning immediately after added, 180S timeout. Once timeout, reset power of the device to set it into touchlink commissioning again.

Step 2: Bring the remote or touch panel within 10cm of the lighting device.

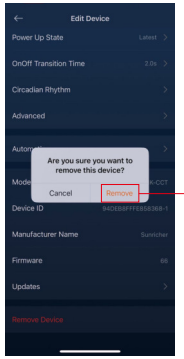
Step 3: Set the remote or touch panel into Touchlink commissioning, please refer to corresponding remote or touch panel manual to learn how.

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 & remote, add remote and device to network first then TouchLink.
4) After TouchLink, the device can be controlled by the linked remotes.

5. Removed from a Zigbee Network through Coordinator or Hub Interface



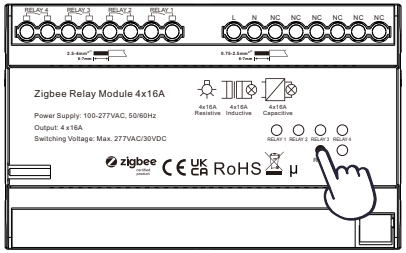
From your ZigBee controller or hub interface, choose to delete or reset the lighting device as instructed. The connected light blinks 3 times to indicate successful reset.

6. Factory Reset Manually

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

Step 1: Short press “Reset.” key for 5 times continuously or reset power of the device for 5 times continuously if the “Reset” key is not accessible.

Step 2: Connected light will blink 3 times to indicate successful reset.



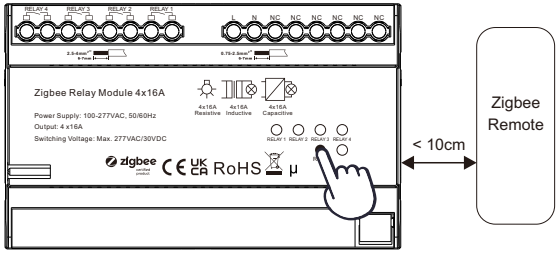
7. Factory Reset through a Zigbee Remote (Touch Reset)

Note: Make sure the device already added to a network, the remote added to the same one or not added to any network.

Step 1: Short press reset button 4 times to start TouchLink Commissioning, 180 seconds timeout, repeat this step.

Step 2: Bring the remote or touch panel within 10cm of the lighting device.

Step 3: SSet the remote or touch panel into Touch Reset procedure to reset the device, please refer to corresponding remote or touch panel manual to learn how.



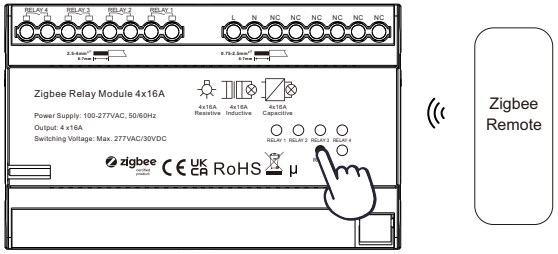
Step 4: There shall be indication on the remote and connected light flashes 3 times for successful reset.

8. Find and Bind Mode

Note: Make sure the device and remote already added to the same zigbee network.

Step 1: Short press “Reset.” button 3 times (Or reset power of the device (initiator node) 3 times) to start Find and Bind mode (connected light flashes slowly) to find and bind target node, 180 seconds timeout, repeat this step.

Step 2: Set the remote or touch panel (target node) into find and bind mode, and enable it to find and bind initiator, please refer to corresponding remote or touch panel manual.



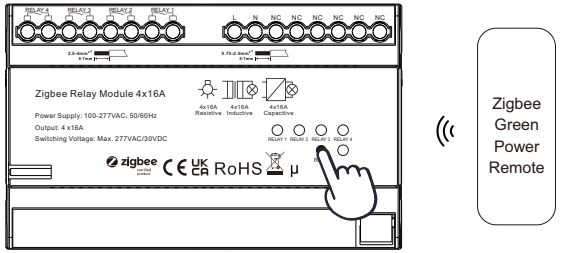
Step 3: There shall be indication on the remote or touch panel that it bind the device successfully and can control it then.to learn how.

9. Learning to a Zigbee Green Power Switch

Step 1: Short press “Reset.” button 4 times (Or reset power of the device 4 times) to start Learning to GP switch mode (connected light flashes twice), 180 seconds timeout, repeat this step.

Step 2: Set the green power switch into Learning mode, please refer to its manual.

Step 3: Connected light will flash twice to indicate successful learning. Then the switch can control the device.



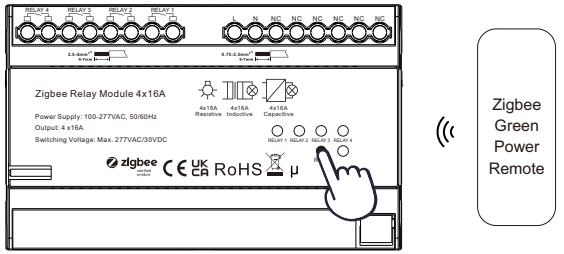
Note: Each device can learn to max. 20 zigbee green power switches.

10. Delete Learning to a Zigbee Green Power Switch

Step 1: Short press “Reset.” button 3 times (Or reset power of the device 3 times) to start delete Learning to GP switch mode (connected light flashes slowly), 180 seconds timeout, repeat this step.

Step 2: Set the paired green power switch into Learning mode, please refer to its manual.

Step 3: Connected light will flash 4 times to indicate successful deleting.



11. Setup a Zigbee Network & Add Other Devices to the Network (No Coordinator Required)

Step 1: Short press “Reset.” button 4 times (Or reset power of the device 4 times) to enable the device to setup a zigbee network (connected light flashes twice) to discover and add other devices, 180 seconds timeout, repeat this step.

Step 2: Set another device or remote or touch panel into network pairing mode and pair to the network, refer to their manuals.
Step 3: Pair more devices and remotes to the network as you would like, refer to their manuals.
Step 4: Bind the added devices and remotes through Touchlink so that the devices can be controlled by the remotes, refer to their manuals.

Note: 1) Each added device can link and be controlled by max. 30 added remotes.
2) Each added remote can link and control max. 30 added devices.

12. OTA

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

13. ZigBee Clusters the device supports are as follows:

Endpoint 0x01 - Channel 1:
• 0x0000: Basic • 0x0003: Identify • 0x0004: Groups • 0x0005: Scenes • 0x0006: On/off
Endpoint 0x02 - Channel 2:
• 0x0000: Basic • 0x0003: Identify • 0x0004: Groups • 0x0005: Scenes • 0x0006: On/off
Endpoint 0x03 - Channel 3:
• 0x0000: Basic • 0x0003: Identify • 0x0004: Groups • 0x0005: Scenes • 0x0006: On/off
Endpoint 0x04 - Channel 4:
• 0x0000: Basic • 0x0003: Identify • 0x0004: Groups • 0x0005: Scenes • 0x0006: On/off