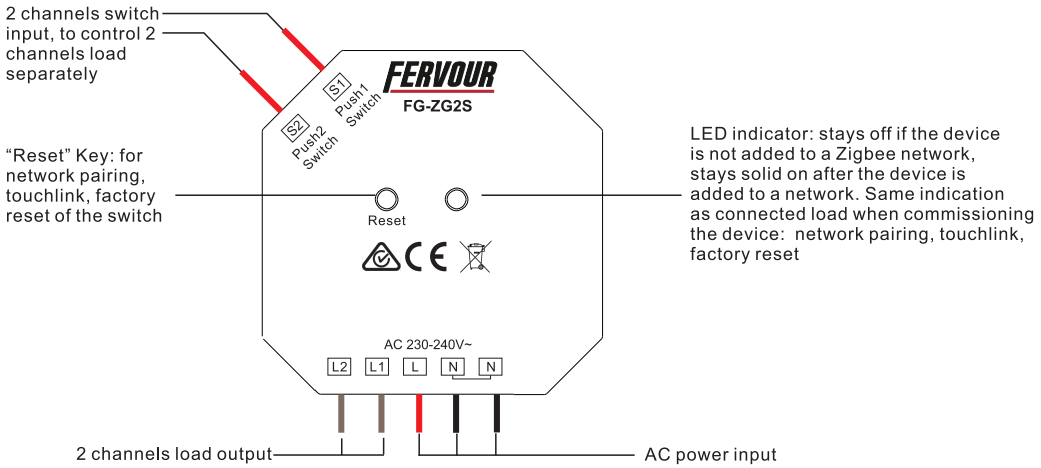
FERVOUR AC ZigBee Switch 2 Gang – FG-ZG2S

Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Input Voltage	Output Voltage	Output Channel	Max. Load	Size(LxWxH)
230-240V~AC	230-240V~AC	2 Channels	Resistive load: max. 5.1A/CH Capacitive load: max. 1.7A/CH	45.5x45x20.3mm

Compatible Load Types			
Load Symbol	Load Type	Maximum Load	Remarks
	LED lamps with transformers	390W/CH @ 230V~ 410W/CH @ 240V~	Due to variety of LED lamp designs, maximum number of LED lamps is further dependent on power factor result when connected to switch.
	LED drivers	390W/CH @ 230V~ 410W/CH @ 240V~	Maximum permitted number of drivers is 390W divided by driver nameplate power rating.
	Incandescent lighting, HV Halogen lamps	1170W/CH @ 230V~ 1220W/CH @ 240V~	
	Low voltage halogen lighting with electronic transformers	390W/CH @ 230V~ 410W/CH @ 240V~	

Over Current Protection

• When connecting resistive load and total load is over 8.1A, the relay will be forced to off and protected.

- 2-gang ZigBee in-wall switch based on latest ZigBee 3.0 protocol
- 230-240V~AC wide input and output voltage
- Supports resistive loads and capacitive loads
- 2 channels output, max. load 5.1A/CH
- No visible terminals, pre-wired, safe and reliable
- Enables to control ON/OFF of connected load
- ZigBee device with 2 endpoints which can be controlled separately
- Supports self-forming zigbee network without coordinator and add other devices to the network
- Compatible with universal ZigBee gateway products
- Can be controlled by universal single wire push switch, 2 channels can be controlled separately by 2 switches
- Active power and energy metering functionality
- Mini Size, Easy to be installed into a standard 86x86mm wall box
- Radio Frequency : 2.4GHz
- Waterproof grade: IP20

Safety & Warnings

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

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 0x0b - Whole device:

• 0x0000: Basic • 0x0702: Simple Metering • 0x0b04: Electrical Measurement • 0x0b05: Diagnostics
• 0x1000: ZLL Commissioning • 0x0019: OTA

Operation

1.Do wiring according to connection diagram correctly.

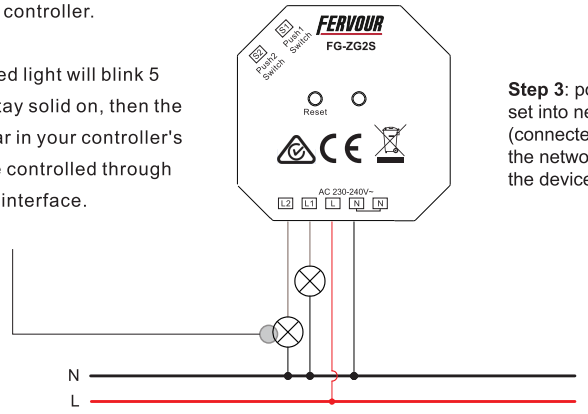
2.This device is a wireless receiver that communicates with a variety of ZigBee compatible systems. This receiver receives and is controlled by wireless radio signals from the compatible ZigBee system.

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 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.



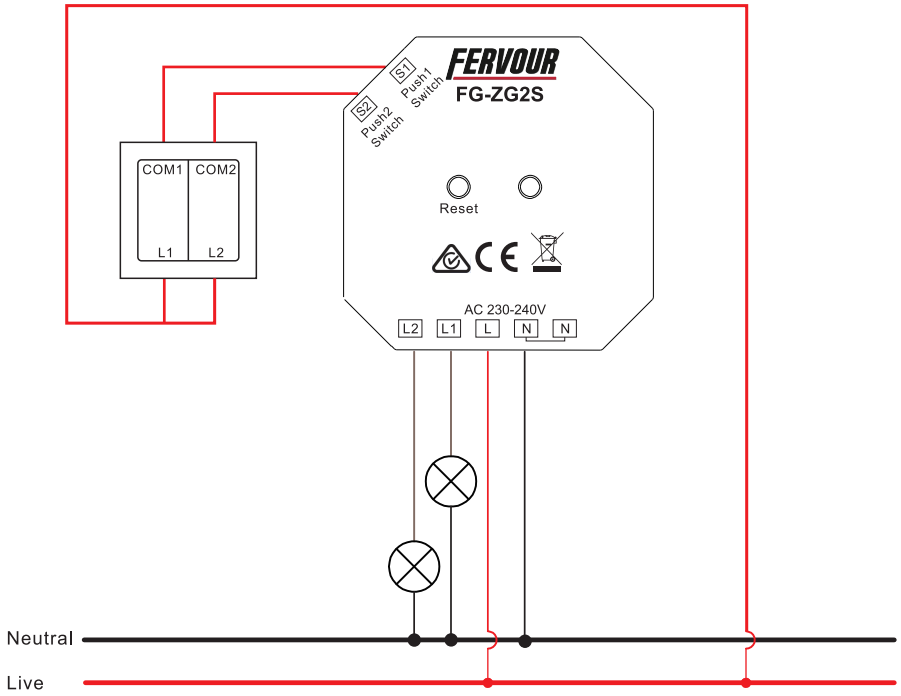
Step 3: power on the device, it will be set into network pairing mode (connected light flashes twice slowly), the network pairing mode will last until the device is added to a zigbee network.

Wiring Diagram

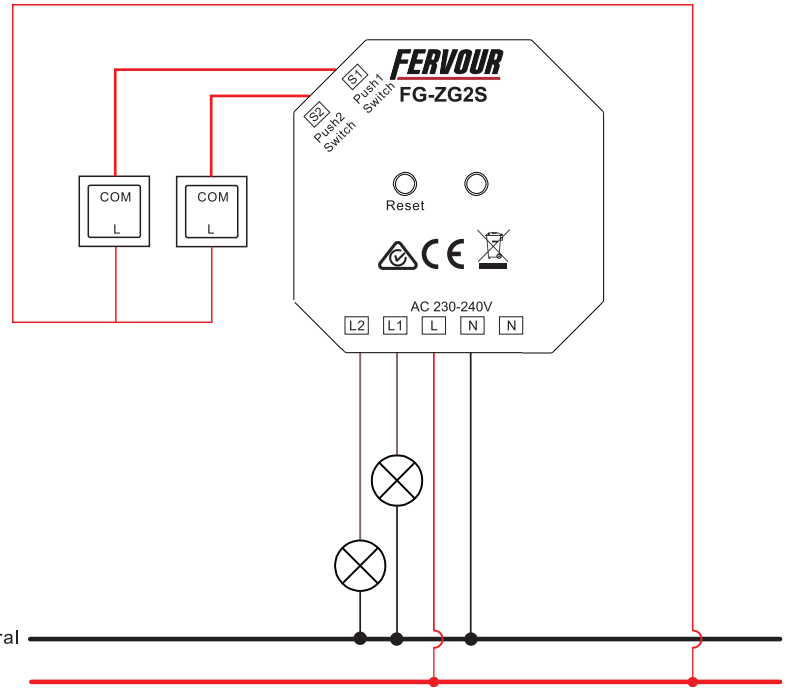
Notes for the diagrams:
L - terminal for live lead
N - terminal for neutral lead
S1 - terminal for switch key No. 1
S2 - terminal for switch key No. 2
L1 - output terminal no. 1 for light load
L2 - output terminal no. 2 for light load

Supported Switch Types:
The switch types this device supports.
Push Switch

1.1. With 1PC 2-Gang 1-Way Switch

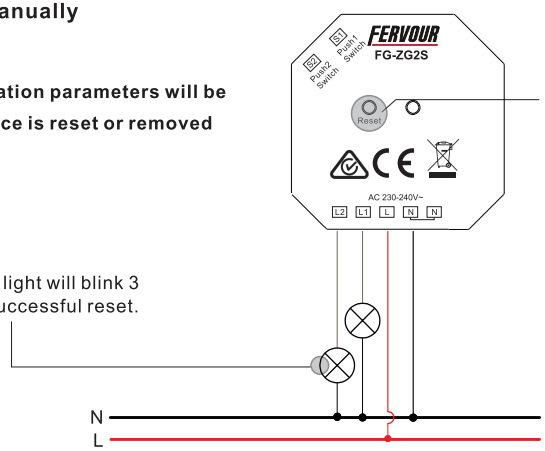


1.2. With 2PCS 1-Gang 1-Way Switches



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.

Product Dimension