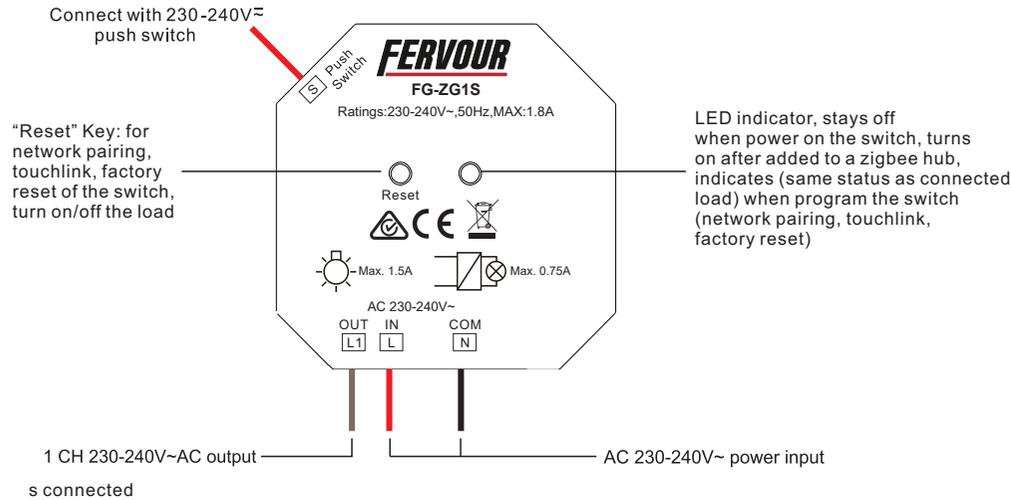


FERVOUR AC ZigBee Switch – FG-ZG1S



Important: Read All Instructions Prior to Installation

Function introduction



- 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
- 1 Channel Output, Up to 420W
- No visible terminals, pre-wired, safe and reliable
- Enables to control ON/OFF of connected load
- Supports self-forming zigbee network without coordinator and add other devices to the network
- Can be controlled by universal 230-240V~AC input single wire push switch
- 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:

Input Clusters

0x0000: Basic 0x0003: Identify 0x0004: Groups 0x0005: Scenes 0x0006: On/off
0x0b05: Diagnostics

Output Clusters

0x0019: OTA

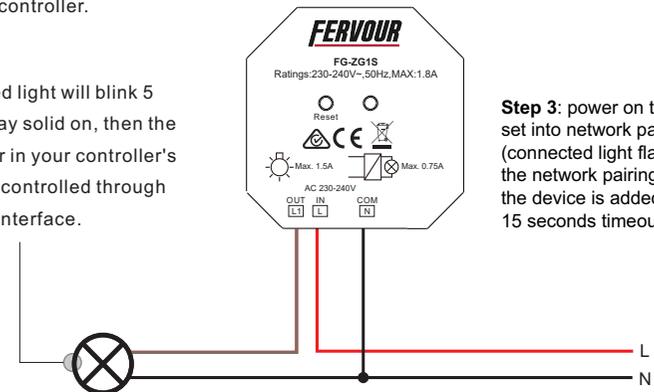
Operation

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.



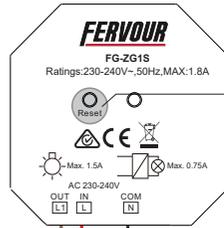
Product Data

Input Voltage	Output Voltage	Output Current	Size(LxWxH)
230-240V~AC	230-240V~AC	1.8A max	45.5x45x20.3mm

Compatible Load Types			
Load Symbol	Load Type	Maximum Load	Remarks
	LED lamps with transformers	210W @ 230V~ 220W @ 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	210W @ 230V~ 220W @ 240V~	Maximum permitted number of drivers is 200W divided by driver nameplate power rating.
	Incandescent lighting, HV Halogen lamps	420W @ 230V~ 440W @ 240V~	
	Low voltage halogen lighting with electronic transformers	210W @ 230V~ 220W @ 240V~	

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.



Wiring Diagram

Notes for the diagrams:

L - terminal for live lead

N - terminal for neutral lead

Out - output terminal of the device (controlling connected light source)

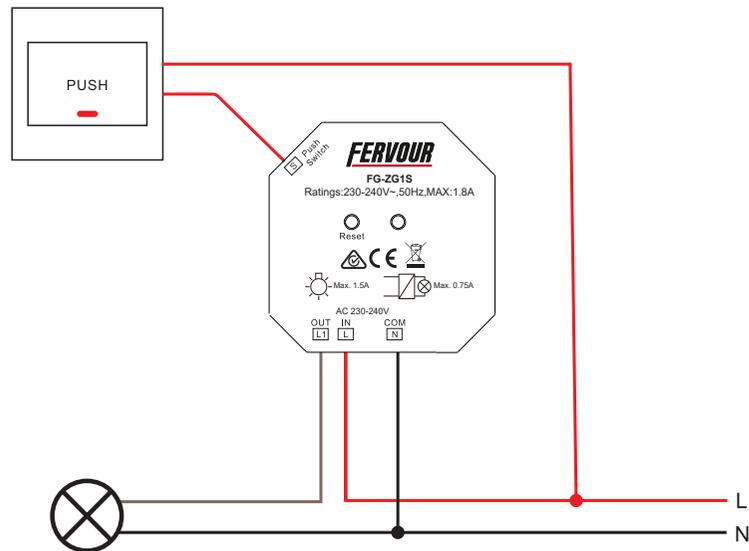
+A1 - terminal for push switch

Supported Switch Types:

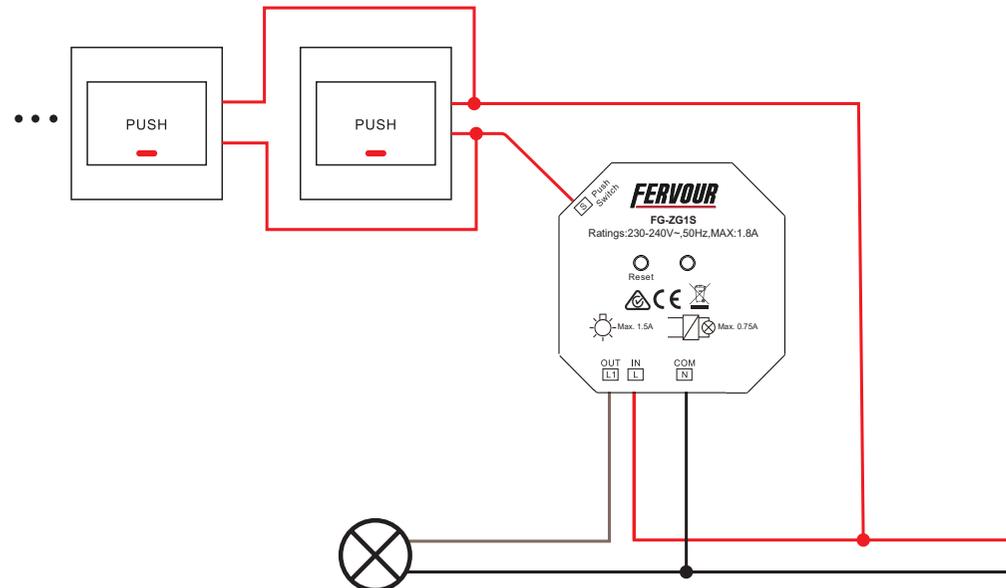
The switch types this device supports

1. Push Switch

1) With Single Push Switch



2) With Multiple Push Switches for Multiple Control Points



Product Dimension

