

## Product Introduction

This triac dimmer boasts exceptional dimming capabilities, supporting 256 levels of smooth 0-100% brightness adjustment for a flicker-free, comfortable lighting experience. It supports both leading-edge and trailing-edge modes, ensuring compatibility with various dimmable LED lights and silicon-controlled dimming power supplies. Featuring built-in overheat and overload protection with automatic recovery, it provides enhanced safety and reliability for users.

## Features

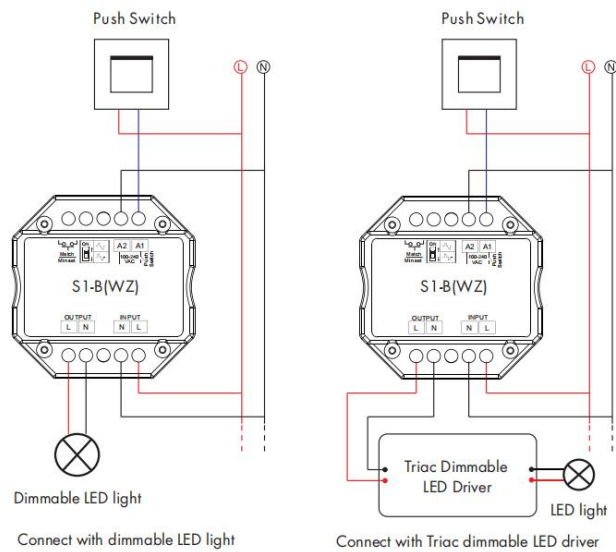
- 256 levels of smooth 0-100% dimming for flicker-free performance
- Adjustable minimum brightness
- Built-in overheat and overload protection with automatic recovery
- Two dimming modes available for compatibility with silicon-controlled dimming power supplies or dimmable LEDs



## Specification

- Product Model: S1-B(WZ)
- Input Voltage: AC100 ~ 240V
- Output Voltage: AC100 ~ 240V
- Output Current: Max 1.5A
- Output Power: 150-360W
- Protection: Overheat/Overload
- Dimming Grayscale level: 256 levels
- Dimming Range: 0 ~ 100%
- Operating Temperature: Ta: -30°C ~ +55°C
- Maximum Case Temperature: Tc: +85°C
- EMC Standards (EMC): ETSI EN 301 489-1 V2.2.3  
ETSI EN 301 489-17 V3.2.4
- Safety Standards (LVD): EN62368-1:2020+A11:2020
- Wireless Devices (RED): ETSI EN 300 328 V2.2.2
- Protection Level: IP20
- Certifications: CE, EMC, LVD, RED
- Packaging Dimensions: 60×W60×40mm
- Gross Weight: 0.061kg

## Wiring Diagram



## Networking method

1. Connect the wires according to the wiring diagram and power it on.
2. Press and hold the pairing/reset button for 5 seconds, or quickly press it twice to enter pairing mode.
3. The blue LED indicator will flash quickly, indicating that it is pairing with the network;
4. Add to the network through the gateway device.

## Product Dimension Diagram (mm)

