

Rotary 

Switch BS002 PWM  
Mini LED Dimmer  
Knob Switch



# Rotary Switch BS002 PWM Mini LED Dimmer Knob Switch Owner's Manual

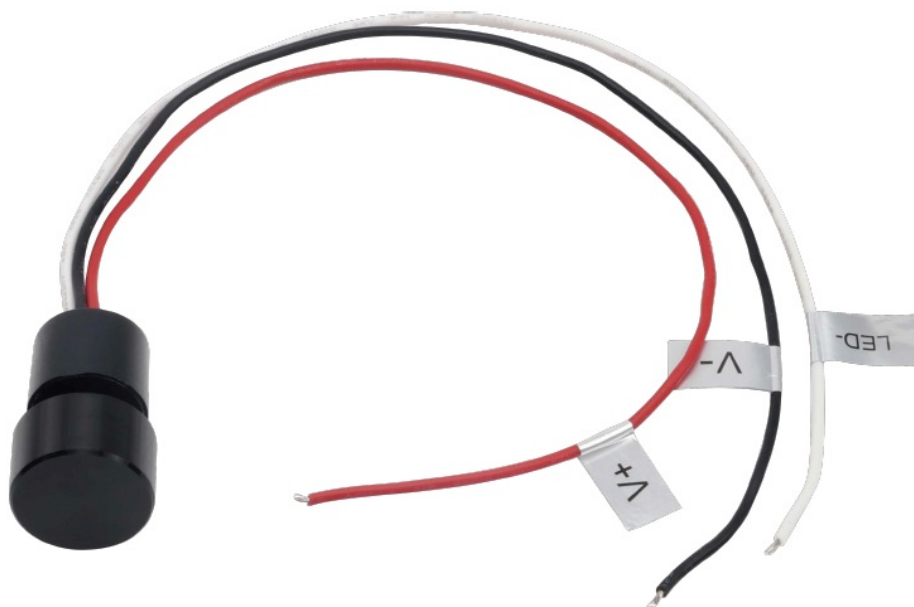
[Home](#) » [Rotary Switch](#) » Rotary Switch BS002 PWM Mini LED Dimmer Knob Switch Owner's Manual 

## Contents

- [1 Rotary Switch BS002 PWM Mini LED Dimmer Knob Switch](#)
- [2 Functions](#)
- [3 Connection Diagram](#)
- [4 Operations](#)
- [5 Installation Steps](#)
- [6 Documents / Resources](#)
  - [6.1 References](#)



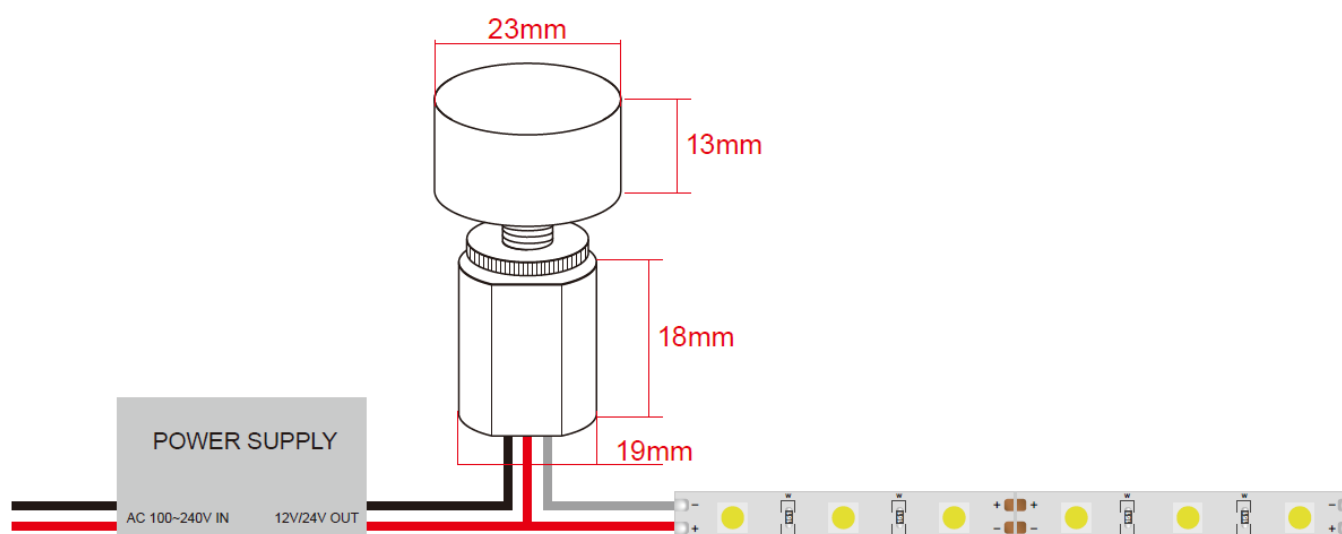
**Rotary Switch BS002 PWM Mini LED Dimmer Knob Switch**



## Functions

Model	BS002
Operation	ON / OFF + dimming function and 0V memory.
Input Voltage	12V–24V DC
Output Voltage	12V–24V DC
Input Current	4A
Input and output cable length	30cm (length can be ordered)
Load Around	48W for 12V, and 96W for 24V
Waterproof	IP65

## Connection Diagram

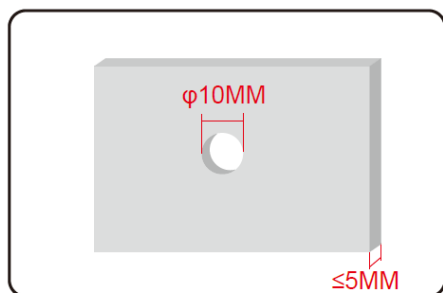


## Operations

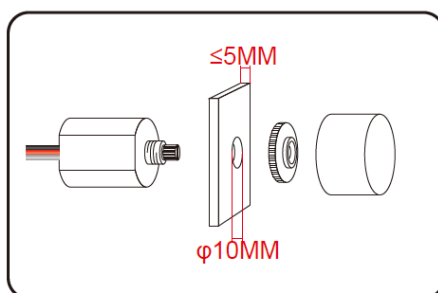
## The Knob Controller functions as follow:

1. The initial state is off when turn on the power.
2. Press the knob to switch the light ON / OFF status.
3. The brightness of the led lamp can be adjusted by rotating the knob under the on state of opening (the clockwise brightness increases and the counterclockwise brightness decreases).
4. This sensor will memorize the status of the dimming in DC0V(④ power off) or DC12V-24V.

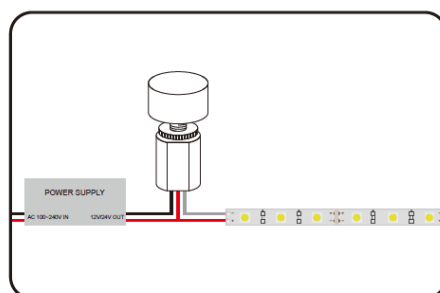
## Installation Steps



Drill a 10mm diameter hole in advance on the board that requires to install the controller, and the thickness of the board cannot exceed 5mm.



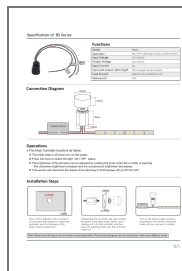
Disassemble the controller and pass through the board in the ways shown above, use a rotating nut to fix the controller, and then press the adjusting knob onto the controller metal rod.



Turn on the power supply and lamp according to the correct connection mode, and you can use it normally.

**Note:** Please read the tag on the wire when connecting cables; The function/program can be customized, made upon different needs.

## Documents / Resources



[Rotary Switch BS002 PWM Mini LED Dimmer Knob Switch](#) [pdf] Owner's Manual  
BS002 PWM Mini LED Dimmer Knob Switch, BS002, PWM Mini LED Dimmer Knob Switch, Mini LED Dimmer Knob Switch, LED Dimmer Knob Switch, Dimmer Knob Switch, Knob Switch, Switch

## References

- [User Manual](#)

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