

## Touch Sensing Switch

- Concealed touch sensing switch, constant voltage output, connect with low voltage LED strip.
- Dupont male jack in, dupont female jack out.
- Maximum 2.5A output current, maximum power 60W@24V.
- Light on/off and brightness adjustment by touch sensor head, brightness range: 0-100%.
- 4 PWM frequencies selectable:
  125Hz, 500Hz, 2000Hz (default), 8000Hz.
- Bilateral snap design for easy installation.
- Used for lighting cabinets, closets, wine cabinets and more.



# C€ RoHS

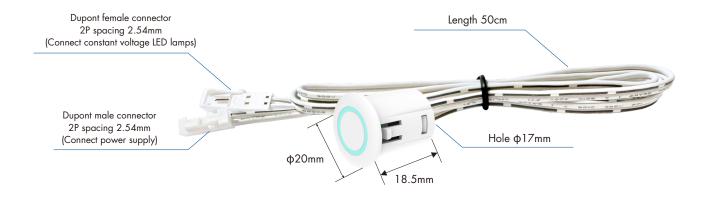
### Technical parameters

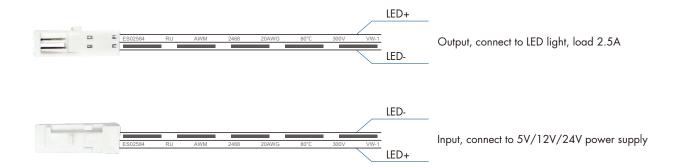
Input and Output	
Input voltage	5-24VDC
Output voltage	5-24VDC
Output current	Max 2.5A
Output power	12.5-60W
PWM frequency	125Hz,500Hz,2KHz (default),8KHz

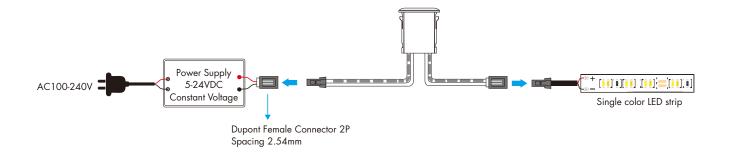
Environment	
Operation temperature	Ta: -30°C ~ +50°C
Protection	Reverse polarity
Package	
Size	L80xW45xH30mm
Gross weight	0.027kg

Safety and EMC	
EMC standard	EN IEC 55015/EN IEC 61547
Safety standard	EN 61347-1/-2 EN 62493
Certification	CE RoHS

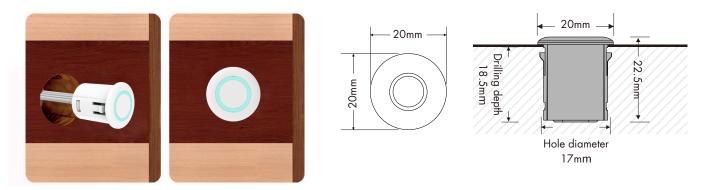
#### Mechanical structures





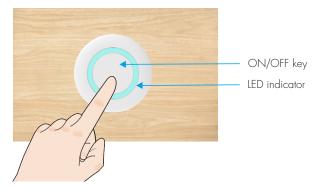


## Sensing switch installation



1. Make 17mm diameter hole. 2. Place the sensing switch into the hole.

## Sensing switch application



Short touch to turn on or turn off light; long touch 1-6s to dimming up or down.

 $\ensuremath{\mathsf{PWM}}$  frequency setting: within 3s after the sensing head is powered on.

 $Press\ the\ ON/OFF\ key\ 3\ times\ in\ quick\ succession,\ the\ PWM\ frequency\ is\ set\ to\ 125Hz,\ the\ indicator\ light\ blinks\ 1\ time;$ 

 $Press\ the\ ON/OFF\ key\ 4\ times\ in\ quick\ succession,\ the\ PWM\ frequency\ is\ set\ to\ 500Hz,\ the\ indicator\ light\ blinks\ 2\ time;$ 

 $Press\ the\ ON/OFF\ key\ 5\ times\ in\ quick\ succession,\ the\ PWM\ frequency\ is\ set\ to\ 2000Hz,\ the\ indicator\ light\ blinks\ 3\ time;$ 

Press the ON/OFF key 6 times in quick succession, the PWM frequency is set to 8000Hz, the indicator light blinks 4 time.