

PIR Motion Sensor Switch

- PIR motion sensor switch, connected directly to the low voltage LED strip.
- When people or objects enter the sensitive field, the strip turn on.
When these exit the sensitive field, the strip turn off after 30 seconds.
- Max 3A output current, max output power 72W@24V.
- Generally installed in the aluminum lamp strip housing.
- 3M paste in the bottom of the PCBA make easy installation and security.
- Low cost and high stability.
- Widely used in table lamps, bedroom lamps, wardrobe lights, etc.

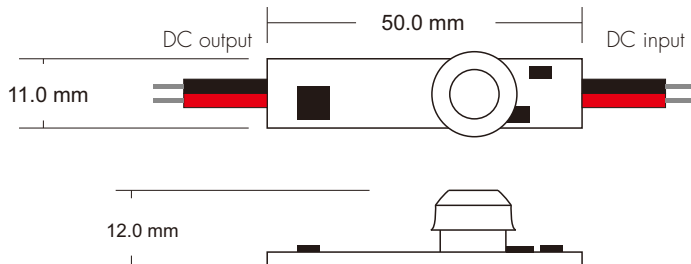


CE RoHS  LVD

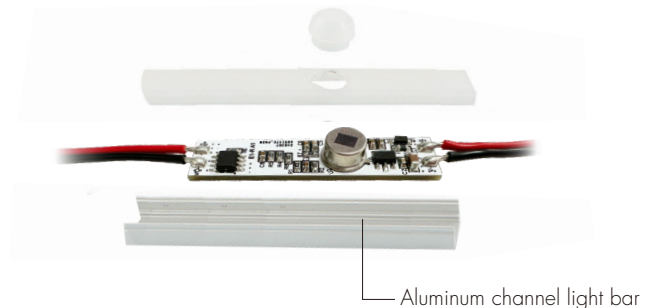
Technical Parameters

Input and Output		Safety and EMC		Warranty and Protection	
Input voltage	12-24VDC	EMC standard (EMC)	EN IEC 55015:2019+A11:2020	Warranty	5 years
Output voltage	12-24VDC		EN 61547:2009	Protection	Reverse Polarity
Output power	Max. 36W@12V Max. 72W@24V		EN IEC 61000-3-2:2019+A11:2021 EN 61000-3-3:2013+A11:2019		
Sensor data		Safety standard (LVD)	EN 61347-1:2015+A1:2021 EN 61347-2-13:2014+A1:2017	Packing	
Sensitive field	≤3m	Certification	CE, EMC, LVD	Size	L90 x H130(mm)
Sensitivity angle	120°	Environment		Gross weight	0.013kg
		Operation temperature	Ta: -30°C ~ +55°C		

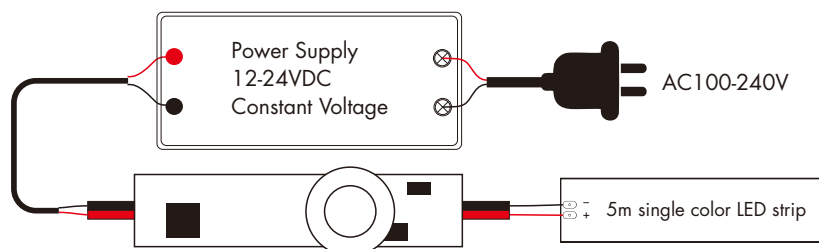
Dimension



Installation attention



Wiring Diagram



Cautions

1. When installing, try to avoid sunlight shining on the induction switch to avoid introducing interference signals.
2. Installed to avoid interference from heat sources, such as cooktops, kitchen appliances that produce high-temperature steam, walls and windows that are exposed to direct sunlight, light strips, air conditioners, heaters, refrigerators, fireplaces and other locations where air temperature changes are sensitive.
3. Installation should be far away from high-powered motor equipment, because the strong electromagnetic signal generated when the motor starts will interfere with the infrared sensor probe.
4. There should be no obstructions in the sensing area (partition screen, furniture, large bonsai, etc.).
5. The power supply must be stable and not fluctuate too much.
6. Put mini sensor switch into profiles when power is off.
7. Pay attention to power input and LED output polarity.