

PIR Motion Sensor Switch

Model No.: E1-R

Motion sensor/DC12-24V/3A output/Aluminum profile installation



FC CE RoHS EMC LVD

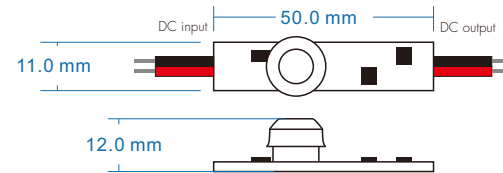
Features

- 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.

Technical Parameters

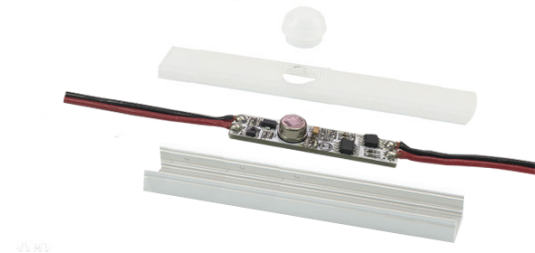
Input and Output		Safety and EMC	
Input voltage	12-24VDC	EMC standard [EMC]	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Output voltage	12-24VDC	Safety standard [LVD]	EN 62368-1:2020+A11:2020
Output power	Max. 36W@12V Max. 72W@24V	Certification	CE, EMC, LVD
Sensor data		Warranty and Protection	
Sensitive field	≤3m	Warranty	5 years
Sensitivity angle	120	Protection	Reverse Polarity
Environment			
Operation temperature	Ta: -30°C ~ +55°C		

Dimension



Installation attention

- Put mini sensor switch into profiles when power is off.
- Pay attention to power input and LED output polarity.



Wiring Diagram

