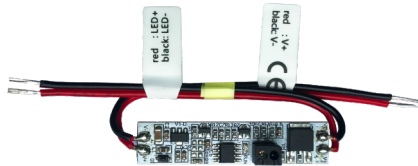


Hand Sweep Sensor Switch

Model No.: E1-B

Hand sweep sensor/DC12-24V/4A output/Aluminum profile installation



FC LVD

Features

- Hand sweep sensor switch, connected directly to the low voltage LED strip.
- When hand sweep, the strip turn on gradually.
When hand sweep again, the strip turn off gradually.
- Max 4A output current, max output power 96W@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 | |
|------------------|------------------------------|
| Input voltage | 12-24VDC |
| Output voltage | 12-24VDC |
| Output power | Max. 48W@12V Max. 96W@24V |

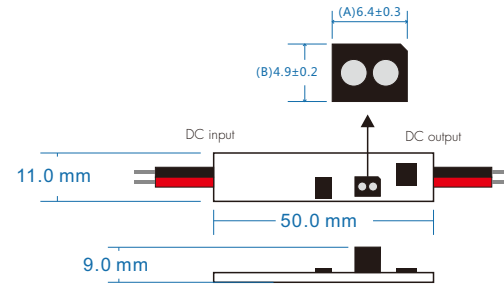
| Sensor data | |
|--------------------|-------|
| Detective distance | ≤8cm |
| Detective angle | 15-30 |

| Environment | |
|-----------------------|-------------------|
| Operation temperature | Ta: -30°C ~ +55°C |

| Safety and EMC | |
|----------------------|---------------------|
| EMC standard (EMC) | EN301 489, EN 62479 |
| Safety standard(LVD) | EN60950 |
| Certification | CE, EMC, LVD |

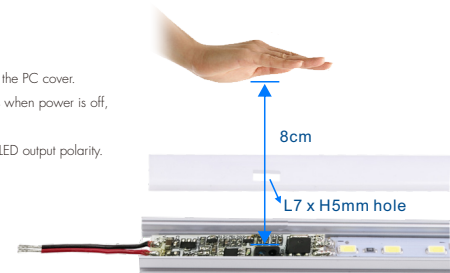
| Warranty and Protection | |
|-------------------------|------------------|
| Warranty | 5 years |
| Protection | Reverse Polarity |

Dimension



Installation attention

- Cut a hole in size L7 x H5mm on the PC cover.
- Put mini sensor switch into profiles when power is off, put the detector head to the hole.
- Pay attention to power input and LED output polarity.



Wiring Diagram

