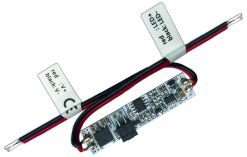
Door Sensor Switch

Model No.: E1-D

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



FC CE RoHS LVD

Features

- Door sensor switch, connected directly to the low voltage LED strip.
- When the door open, or no obstacle ahead, the strip turn on gradually. When the door close, or obstacle ahead, 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 wardrobe lights.

Technical Parameters

Input and Output	
Input voltage	12-24VDC
Output voltage	12-24VDC
Output power	Max. 48W@12V Max. 96W@24V

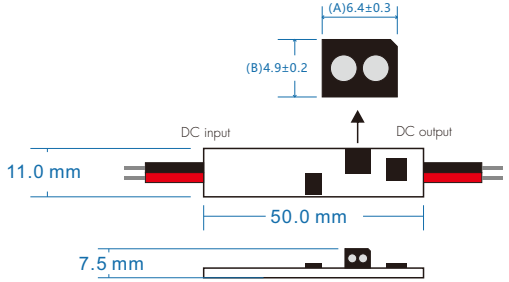
Sensor data	
Detective distance	⩽10cm
Detevtive angle	15-30

Environment	
Operation temperature	Ta: -30℃~+55℃

Safety and EMC	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(LVD)	EN 62368-1:2020+A11:2020
Certification	CE,EMC,LVD

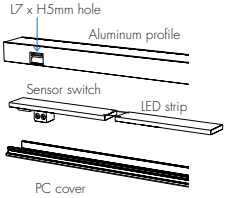
Warranty and Protection	
Warranty	5 years
Protection	Reverse Polarity

Dimension



Installation attention

- Cut a hole in size L7 x H5mm on the side of aluminum profile.
- Put mini sensor switch into profiles when power is off, put the detetor head to the hole, detector head should face to the objects.
- Pay attention to power input and LED output polarity.



Wiring Diagram