

Touch-Aluminum Profile LED Sensor Switch TD011

Functions:

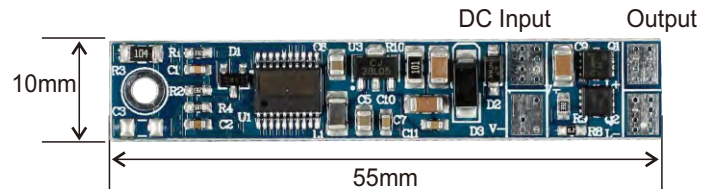
- Touch-Aluminum LED sensor switch with dimming and 0V memory function.
- Input voltage 12V-24VDC.
- Output voltage 12V-24VDC.
- Input current 3A.
- Load around 36W for 12V, or 72W for 24V.
- Accessory: PM2*3mm screw *1pcs.

V+ ---DC input positive

V- ---DC input negative

LED+ --- Output to LED Strip positive

LED- --- Output to LED Strip negative



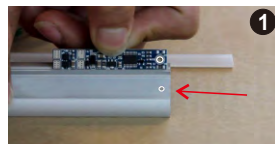
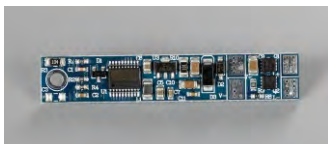
Operation:

- 1). Power the light on the 1st time, with the brightness and power state of last time (if dimming, the light will brighten from current brightness to 100%), the light enters dimming mode automatically when putting the hand on any position of the aluminum profile for 2s, brightening from 6% to 100%, or dimming from 100% to 6%.
- 2). Fast touch: light off. Fast touch again: light on.
- 3). This sensor will memorize the status of the dimming in DC0V(power off) or DC12V-24V.

Notice:

- 1). The power supply must be Class I (with a grid ground wire).
- 2). This sensor can only be connected with ONE line of LED strip.
- 3). In the case of manufacturing finished light, the LED strip must be insulated from the aluminum profile (insulating materials' thickness $\geq 2\text{MM}$).
- 4). Available finished LED light length $\leq 1.5\text{M}$.
- 5). **Suitable for our aluminum Profile for single finger touch: F001, F002, A2515, A2212.**
Suitable for our aluminum Profile for two fingers touch: F003, A1506, A1707, A1612, A2206, A1713, A2016, A1919, B1919, C1919, C1506, B1707.

Installation Step:



1 Drill a $\Phi 1.5\text{MM}$ hole on the aluminum profile. Attach the sensor switch on corresponding position.



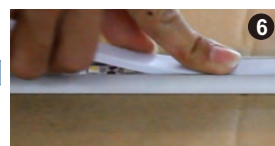
2 Solder DC wire to the corresponding positive and negative poles of the sensor input.



3 Attach a insulating plastic plate of 10mm-width and $\geq 2\text{mm}$ -thickness to the sensor.



7 Touch aluminum part to test the function.



6 Install PC cover and end caps.



5 Solder the LED strip to the corresponding positive and negative positions of the sensor output.



4 Attach LED strip to the insulating plastic plate.