MANUAL

TOUCH-ALUM PROFILE DIMMER +0V MEMORY FUNCTION

BARISLIGHT

Functions:

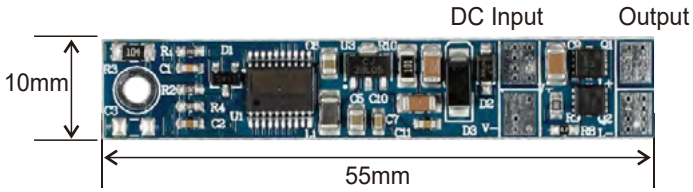
- Touch-Aluminum LED sensor switch with dimming and 0V memory function.
- Input voltage 12V-24VDC.
- Output voltage 12V-24VDC.
- Input current 3A.
- Load around 36W for 12V, or 72W for 24V.
- Accessory: PM2*3mm screw *1pcs.

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).

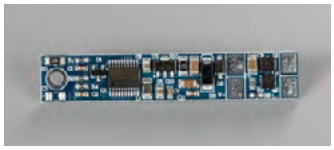
2). This sensor can only be connected with ONE line of LED strip.

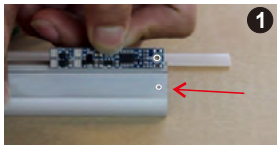
3). In the case of manufacturing finished light, the LED strip must be insulated from the aluminum profile (insulating materials' thickness ≥ 2MM).

4). Available finished LED light length≤1.5M.

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:





Drill a Φ1.5MM hole on the aluminum profile. Attach the sensor switch on corresponding position.

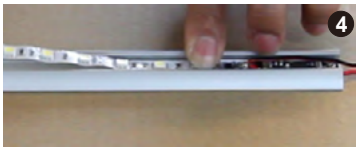
Solder DC wire to the corresponding positive and negative poles of the sensor input.

Attach a insulating plastic plate of 10mm-width and ⩾2mm-thickness to the sensor.

Touch aluminum part to test the function.

Install PC cover and end caps.

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



Attach LED strip to the insulating plastic plate.

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