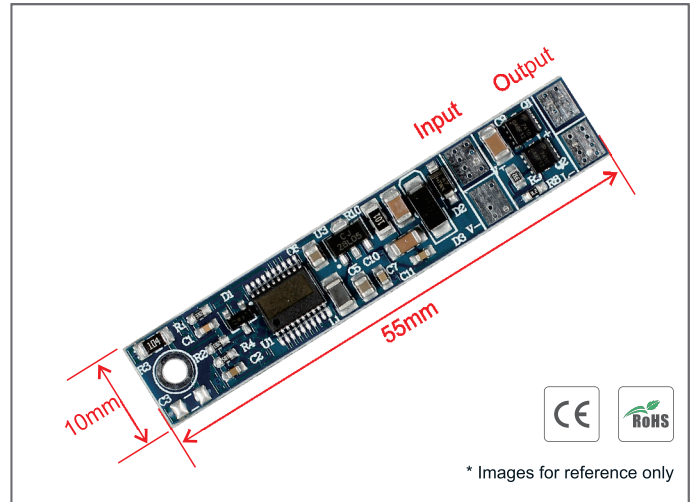


Touch-Aluminum Profile LED Sensor Switch TD011

Functions:

- Touch-Aluminum LED sensor switch with dimming and 0V memory function.
- Input Voltage: 12V-24V DC.
- Output Voltage: 12V-24V DC.
- Input Current: 3A.
- Load around 36W for 12V, and 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

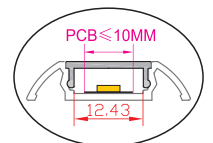


Operations:

- 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%.
- Fast touch: light off; Fast touch again: light on.
- This sensor will memorize the status of the dimming in DC0V(Power off) or DC12V-24V.

Notices:

- The power supply must be Class I (With a grid ground wire).
- This sensor can only be connected with single line for LED strip.
- In the case of manufacturing finished light, the LED strip must be insulated from the aluminum profile (Insulating materials' thickness $\geq 2\text{MM}$).
- Available finished LED light length $\leq 1.5\text{M}$.
- Aluminum profile inner space should be at least **2MM** wider than LED strip PCB .
- **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 steps:

- Drill a $\Phi 1.5\text{MM}$ 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 $\geq 2\text{mm}$ -thickness to the LED profile.
- Attach LED strip to the insulating plastic plate.
- Solder the LED strip to the corresponding positive and negative positions of the sensor output.
- Install PC cover and end caps.
- Touch aluminum part to test the function.