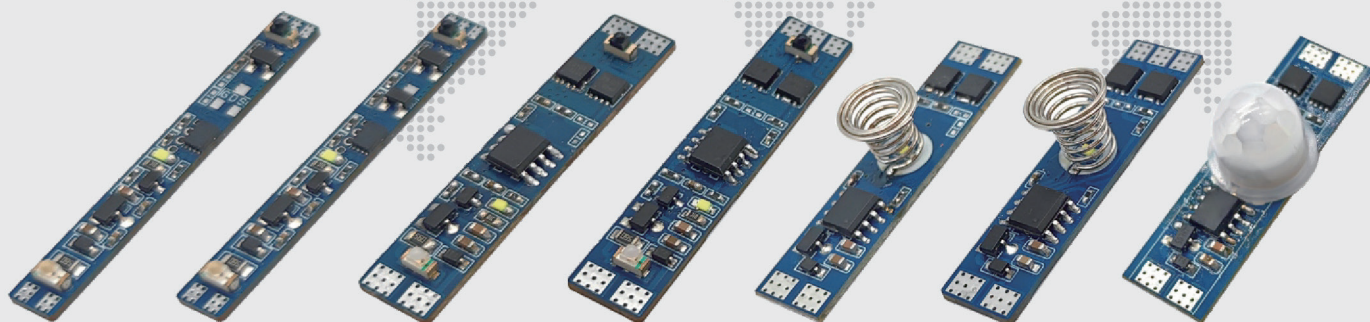


SPECIFICATIONS

SP1 PCBA Sensor Switch Series

Hand Shaking / Touch Sensor / PIR Sensor

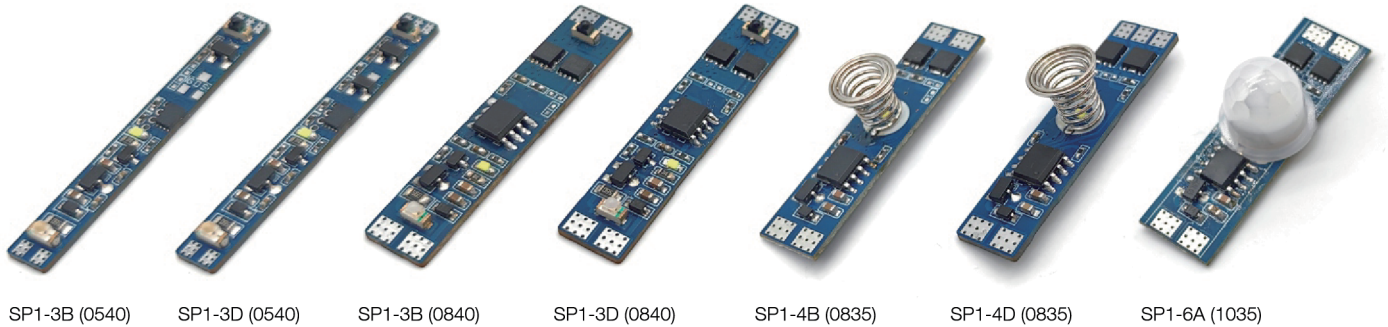


Item No.: SP1 Series

Version: V1

Date: 2025-08-12

SP1 Sensor Switch Series (Hand Shaking / Touch Sensor / PIR Sensor)

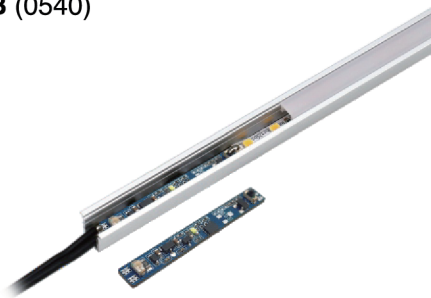


Features

1. Full range of functions, including PIR sensing, hand sweep, touch, etc.
2. Various sizes Available, such as 5mm and 8mm, and supports custom sizes upon request.
3. Both single-color and dual-color temperature (3-wire) versions are available.
4. Low MOQ Customization such as dimming, sensing distance, sensing time, etc.
5. Hand sweep PCBA can work through a cover (mask) without the need for drilling.

Details & Parameters

Hand sweeping sensor -Without Opening Holes-5mm-Single color
SP1-3B (0540)



Size	40x5mm
Voltage	DC 12&24V, 2.5A
Function	Delay ON/OFF in 2S
Detecting Range	5%-100%
Self-adjusting time	6S
Memory function in state and brightness	

Hand sweeping sensor-Without Opening Holes-5mm-Dual color-3 Wires
SP1-3D (0540)



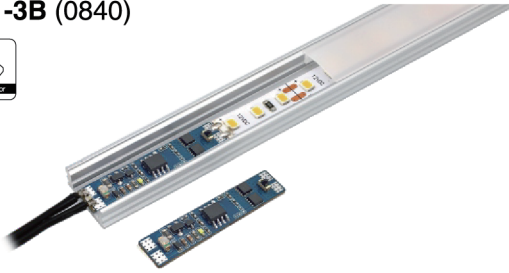
CCT



Size	40x5mm
Voltage	DC 12&24V, 2.5A
Function	Delay ON/OFF in 2S
Detecting Range	5%-100%
Self-adjusting time	6S
Memory function in state and brightness	
In OFF state, keep swiping for 3S-CCT change	

Hand sweeping sensor -Without Opening Holes-8mm-Single color

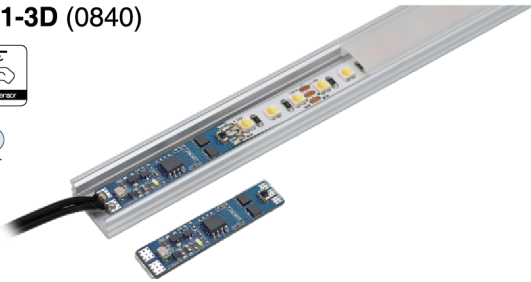
SP1-3B (0840)



Size	40x8mm
Voltage	DC 12&24V, 2.5A
Function	Delay ON/OFF in 2S
Detecting Range	5%-100%
Self-adjusting time	6S
Memory function in state and brightness	

Hand sweeping sensor-Without Opening Holes-8mm-Dual color-3 Wires

SP1-3D (0840)



Size	40x8mm
Voltage	DC 12&24V, 2.5A
Function	Delay ON/OFF in 2S
Detecting Range	5%-100%
Self-adjusting time	6S
Memory function in state and brightness	
In OFF state, keep swiping for 3S-CCT change	

Touch dimmer sensor-8mm-Single color

SP1-4B (0835)



Size	35x8mm
Voltage	DC 12&24V, 5A
Function	Delay ON/OFF in 2S
Detecting Range	5%-100%
Memory function in state and brightness	

Touch dimmer sensor-8mm-Dual color-3 Wires

SP1-4D (0835)



Size	35x8mm
Voltage	DC 12&24V, 5A
Function	Delay ON/OFF in 2S
Detecting Range	5%-100%
Memory function in state and brightness	
In OFF state, keep swiping for 3S- CCT change	

PIR Sensor

SP1-6A (1035)



Size	35x10mm
Voltage	DC 12&24V, 5A
Function	Delay ON/OFF in 2S
Sensing distance	1-3m
Sensing time: 30s-60s-180s-300s for option	

Application

Mainly used in bedroom wardrobe lights, furniture local lighting, bathroom mirror lighting systems, etc. Places where built-in sensor switches are needed.



NOTES

1. For indoor use only.
2. Do not disassemble the product.
3. Do not install the switch in water dropping place.
4. Use a dry cloth, never a strong cleaning agent.
5. Replace all set switch device if case of quality or malfunction.