

SPECIFICATIONS

Smart Wireless Remote Controller System



Item No.: S5B-A0-P

Version: V1

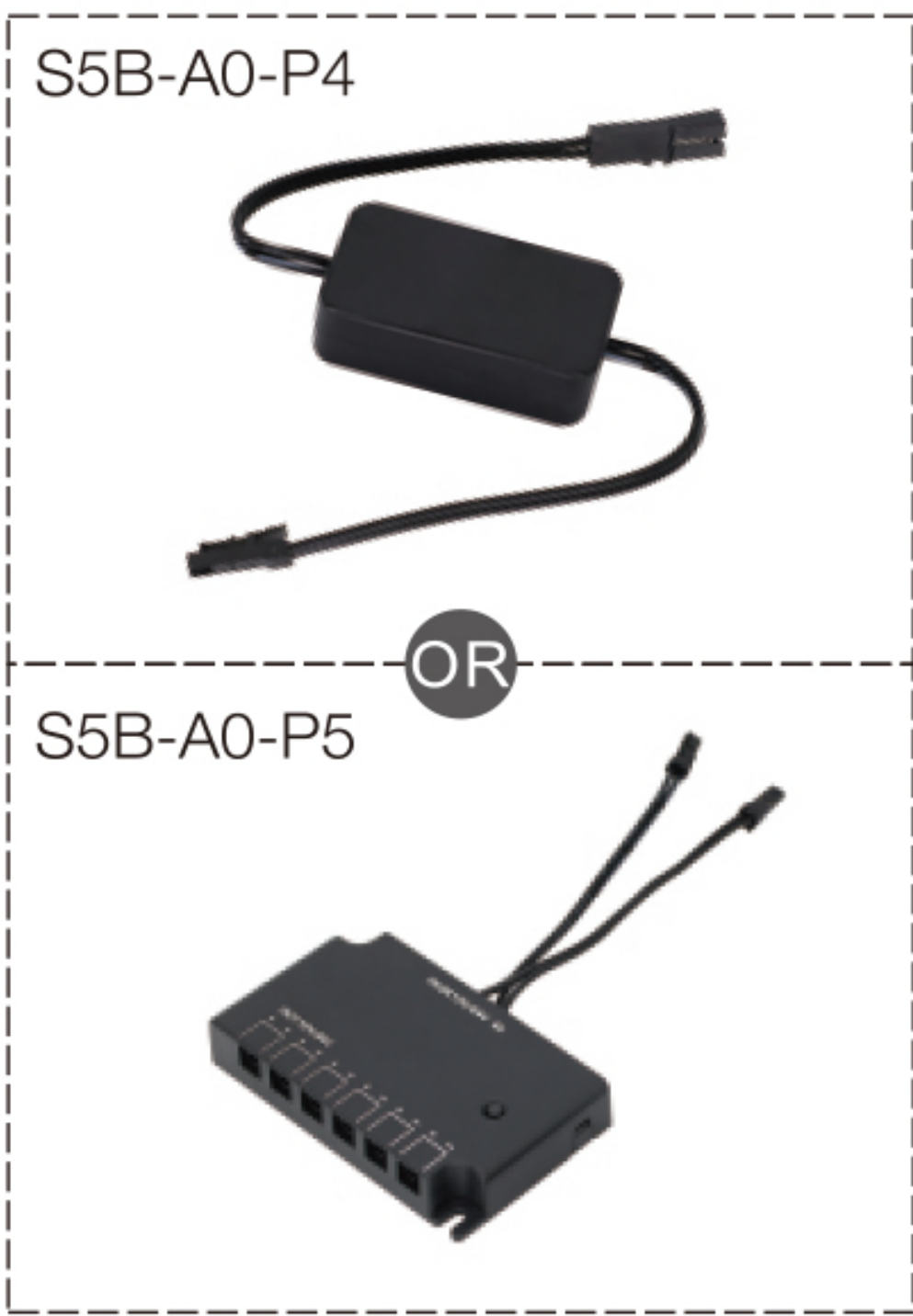
Date: 2025-08-11

Wireless Controller

Sender



Times of use: 15H, about 20000 times



S5B-A0-P1 Single Touch Wireless Controller

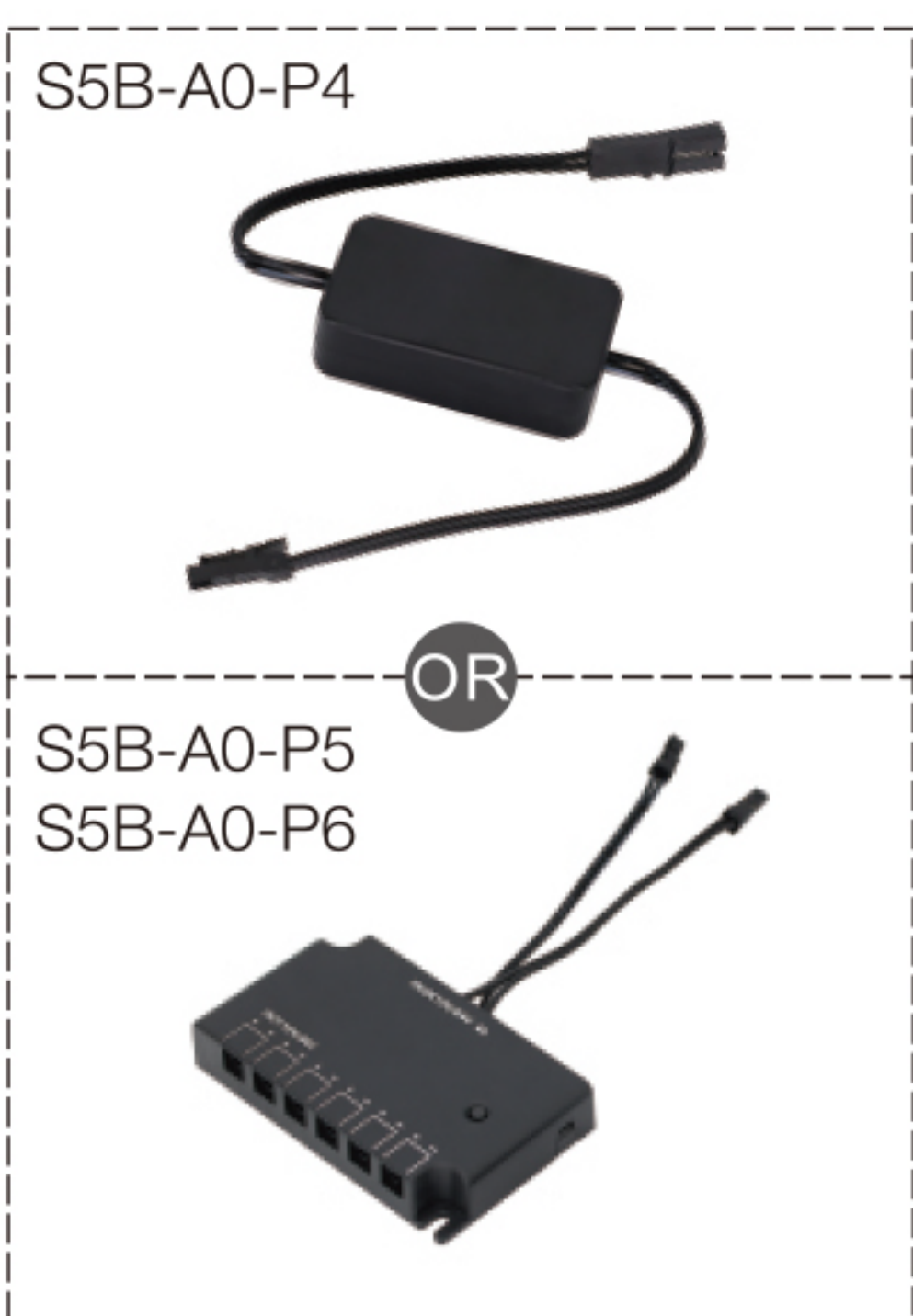
Working frequency	2.4GHz
Modulation mode	GFSK
Working voltage	2.3~3.6V(Battery type: CR2032)
Dormant current	5uA
Standby time	1.5 Years
Emission current	14mA
Launch distance	20m(Without barrier) 4dB
Size	56x50x13mm

Sender



(Dimming Function)

Times of use: PIR 10H, about 15000 times (35S)



S5B-A0-P2 PIR Motion Sensor Wireless Controller

Working frequency	2.4GHz
Modulation mode	GFSK
Working voltage	2.3~3.6V(Battery type: CR2032)
Dormant current	8uA
Standby time	1 Years
Emission current	14mA
Launch distance	20m(Without barrier) 4dB
Size	56x50x13mm

Sender



Times of use: 15H, about 20000 times



S5B-A0-P3 Dimming &CCT Adjusting Wireless Controller

Working frequency	2.4GHz
Modulation mode	GFSK
Working voltage	2.3~3.6V(Battery type: CR2032)
Dormant current	5uA
Standby time	2 Years
Emission current	14mA
Launch distance	20m(Without barrier) 4dB
Size	56x50x13mm

Wireless Receiver


Receiver




S5B-A0-P4 Wireless Receiver

Working frequency	10KHz
Modulation mode	GFSK
Working voltage	DC12V/24V, 5A
Max load wattage	60W
Size	47x26x15mm

Receiver




S5B-A0-P1



OR

S5B-A0-P2



Working frequency	10KHz
Modulation mode	GFSK
Working voltage	DC12V/24V, 8A
Max load wattage	100W
Size	76x47x15mm

Receiver



S5B-A0-P3



Working frequency	100Hz
Modulation mode	GFSK
Working voltage	DC12V/24V, 6A
Max load wattage	72W
Size	76x47x15mm

Advantages

Low power consumption, sensitive induction, low heat generation, stable and reliable.

Applications

Used for local decorative lighting control in wardrobes, wine cabinets, kitchens, etc.

Basic Function Operation

The instruction of code pairing & code erasing of smart wireless LED remote controller

The instruction of code pairing & code erasing of single touch wireless remote control. The switch need to be successfully paired when we use the first time.

Code Pairing

When the receiver is powered on, LED light turns from on to off; the receiver enters into the code pairing state; Short press Sender's code pairing button (At the back side) within 3S, the light flashes, and the code pairing is successful.

Code Erasing

When the receiver is powered on; Long press Sender's code pairing button for 3S, the light flashes, and the code is cleared successfully.

One-to-many

One sender can control multiple receivers; (Theoretically unlimited quantity within the receiving range)

Many-to-one

One receiver can be controlled by multiple Senders (<5)

Dual Color receiver Reset button

Short press the receiver reset button; the receiver enters the code Pairing state; And short press sender's code pairing button within 3S, the light flashes, and the code Pairing is successful; Long press the receiver reset button for 3S; the light flashes, the receiver is fully cleared;



S5B-A0-P1 + S5B-A0-P4/S5B-A0-P5 Touch dimming function

- (1) When the receiver is powered on, LED light turns from on to off; Short press Sender's code pairing button within 3S, the light flashes, and the code pairing is successful;
- (2) Touch Function: Short Press can be gradually ON/OFF, Long press have dimmer function.
- (3) Door trigger Function: When the magnet close to the front of sensor head, The light will be gradually off. If it leaves, the light will gradually turn on.



S5B-A0-P2 PIR Motion sensor switch sensing function

- (1) When the receiver is powered on, LED light turns from on to off; Short press Sender's code pairing button within 3S, the light flashes, and the code pairing is successful;
- (2) PIR Function: the light gradually turns on when it senses the movement of the person; the light fades out after the person movement stops or leaves for 35S;
- (3) Touch Function:
 - ① S5B-A0-P4/S5B-A0-P5: Short Press can be gradually ON/OFF, Long press have dimmer function.
 - ② S5B-A0-P6: Long press have dimmer function Only.

S5B-A0-P3 + S5B-A0-P6 Dimming &CCT Adjusting Wireless Controller

- (1) When the receiver is powered on, LED light turns from on to off; Short press Sender's code pairing button within 3S, the light flashes, and the code pairing is successful;
- (2) Dimmer Button Function: Short Press can be gradually ON/OFF, Long press have dimmer function.
- (3) Color change Button Function: Short Press without function, Long press have infinite CCT Changing.
- (4) Door trigger Function: When the magnet close to the front of sensor head, The light will be gradually off. If it leaves, the light will gradually turn on.

One-to-many Attention

- 1. S5B-A0-P1/P3 Single or Dual Color Touch & S5B-A0-P1/P3 Single or Dual Color Touch
Door Trigger function: Multiple door sensors turn on the same light, and all the door sensors must be turned off to turn off the light;
- 2. S5B-A0-P1/P3 Single or Dual Color Touch & S5B-A0-P2 PIR Sensor
After touching Sensor turn on the light, PIR Sensor function is invalid; Until touching sensor to turn off the light, PIR Sensor start sensing again
- 3. S5B-A0-P2 PIR Sensor & S5B-A0-P2 PIR Sensor
The induction time is subject to the last PIR Sensor

Connection Diagram

