

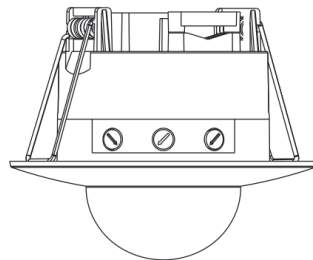
SPS01B

4Xdetector



Welcome to use SPS01B infrared motion sensor!

The product adopts good sensitivity detector, integrated circuit. It gathers automatism, convenient safe, saving-energy and practical functions. It utilizes the infrared energy from human as control-signal source, it can start the load at once when one enters detection field. It can identify day and night automatically. It is easy to install and be used widely.



SPECIFICATION:

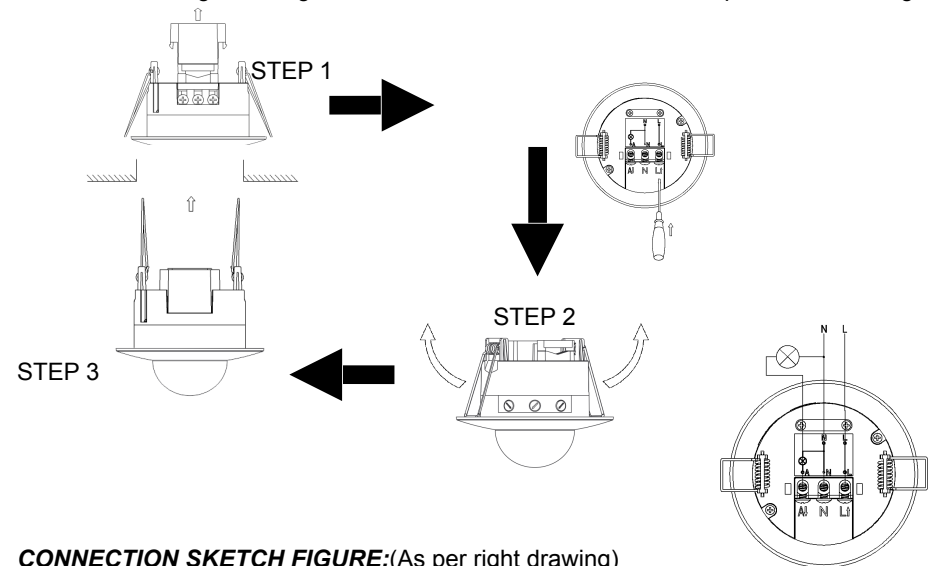
Power Source: 220 -240V/AC	Detection Range: 360°
Power Frequency: 50Hz	Working Temperature: -20°C~+40°C
Ambient Light: 5,10,20,30,50,100,200 LUX,24H	Working Humidity: <93%RH
Time-Delay: 10,30sec,1,5,8,10,20,30min	Installation Height: 2.5-7m
Power Consumption: <0.9W (work, static)	Rated Load: 2000W (incandescent lamp)
Detection Distance:25%,50%,75%,100%.max25m	1000W (LED lamp)

FUNCTION:

- Can identify day and night: The consumer can adjust work ambient light. It can work in the daytime and at night when it is Press on the "sun.24H" position (max). It can work in the night when it is Press the "5LUX,10,20,30,50,100,200" position. As for the adjustment pattern, please refer to the testing pattern.
- Time-Delay is added continually: When it receives the second induction signals after the first induction, it will compute time once more on the basic of the first time-delay rest.
- Time-Delay is adjustable. It can be set according to the consumer's desire. The minimum time is 10sec. The maximum is 30min.

INSTALLATION: (as following drawing.):

- Turn off the power.
- Moving the transparent vinyl cover what is in the bottom of the sensor.
- Loosing the screws in the connection terminal, connecting the power and rated load, according to connection sketch map.
- Tighten the screws; put the transparent vinyl cover into the original station.
- Folding the metal spring of the sensor to upwards, until they are in "I" position with sensor, then put the sensor into the hole or installation box which is in the ceiling, the size is similar to item. Releasing the spring, the sensor will be set in this installation position.
- After finishing installing, the sensor could be connected to the power and testing it.

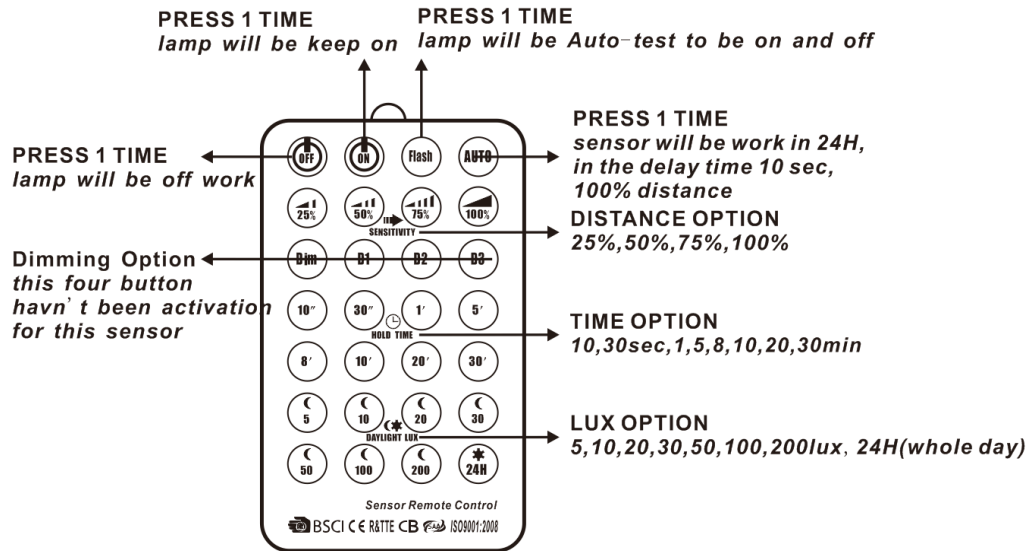


CONNECTION SKETCH FIGURE:(As per right drawing)

TEST:

- Press the AUTO Option, sensor will be work in 24H,in the delay time 10 sec,100% distance.
- Switch on the power, the controlled load and indication lamp both are not working. Preheat 30 sec later, the load and indication lamp should be turned on synchronization. In the absence of no inductor signals, the load should be stopped working within 5-30sec, the indicator lamp is turned off.
- After the first sense is finished, and it will sense again after 5~10sec. The load should work. When there is no inductor signals in the indicator lamp, the load should be stopped working within 5-15sec.
- Press the button to 5lux on the minimum (MOON position). If it is adjusted in the less than

5LUX, the inductor load should not work after load stop working. If you cover the detection window with the opaque objects (towel etc), the load work .under no induction signal condition, the load should stop working within 5-15sec.



- d. Please check if the installation height corresponds to the height showed in the instruction.
- The sensor can't shut the load automatically:
 - a. Check if there are continual signals in the detection fields.
 - b. Check if the time delay is set to the longest.
 - c. Check if the power corresponds to the instruction.
 - d. Check if the temperature change obviously nears the sensor, such as air condition or central heating etc.

Note: Press every button, there will be a “red” led light flash in the sensor lens, which means the function has been change.

NOTE:

- Should be installed by electrician or experienced man.
- Avoid installing it on the unrest objects.
- There shouldn't be hindrance and moving object in front of the detection window effecting detection.
- Avoid installing it near air temperature alteration zones such as air condition, central heating, etc.
- Considering your safety, please don't open the cover when you find the hitch after installation.

SOME PROBLEM AND SOLVED WAY:

- The load don't work:
 - a. Please check the power and load connect is correct.
 - b. Check if the load is good.
 - c. Check if the working light corresponds to the ambient light.
- The sensitivity is poor:
 - a. Please check if there is hinder in front of the detection window to effect receiving the signals.
 - b. Please check if the ambient temperature is too high.
 - c. Please check if the signals source is in the detection fields.