Wired Human Sensor Split Switch S1806



1.Product Description

1. S1806 is a contactless human body touch pyroelectric infrared sensor wired sub-control switch. It can realise that people come to turn on the light automatically and turn off the light when they leave. After the sensor switch is triggered, the light is automatically switched off 30S after the person leaves the sensing range.
2. The sensor switch is an ideal solution for non-contact control of lamps and lanterns, which meets the needs of different customer groups.
3. The switch adopts two installation methods: surface mounting and embedded mounting, which is convenient and fast. The color of the switch shell is white, and the surface-mounted base is water-transferred with wood grain/white, which can match most cabinets without looking obtrusive. Safe and reliable

2.Product Parameters

Product name : Wired Human Sensor Split Switch **Product model** : S1806

Input voltage : 12/24VDC **Output voltage** : 12/24VDC **Maximum load power** : 36W(12V)/72W(24V)

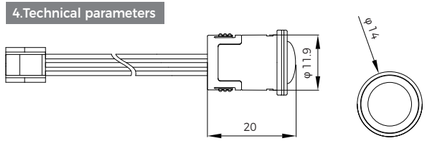
Standby power consumption : <0.1W **Sensor head material and color** : ABS+PCBlack/Injected Galaxy Grey

Exposed shell material and color : ABS+PCBlack/water transfer woodgrain/spray oil Galaxy Grey/Laminated Fabric Grey

Opening/Depth Dimensions : φ12*16mm **Specifications and dimensions** : φ14*20mm

Output wire length : 28AWG Line length 1500mm

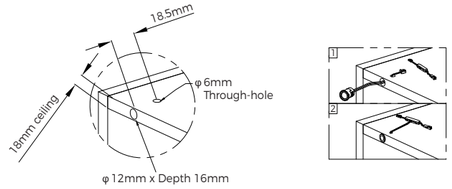
4.Technical parameters



5.Installation method

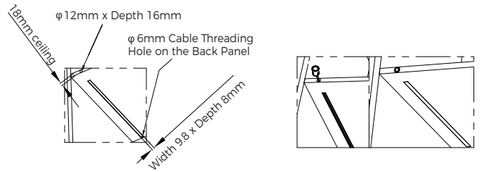
Embedded Installation Method 1

Cable Routing via Ceiling Drilling: Drill an embedded hole (φ12mm x 16mm deep) and a cable outlet hole (φ 6mm through-hole) in the ceiling. First, thread the switch power cable through the ceiling, then install the switch as shown in the figure below.



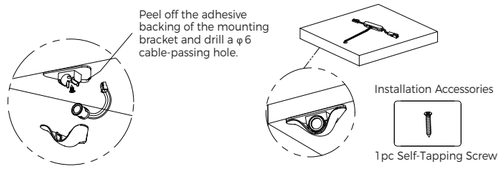
Embedded Installation Method 2

1. Cable Routing via Shelf Grooving: Drill a φ12mm x 16mm embedded hole and a 9.8mm x 8mm cable routing groove in the shelf. Also, drill a φ 6mm cable outlet hole in the back panel.
2. Installing the Cable Routing Groove Base: Thread the switch power cable into the groove, route it out through the back panel, then install the switch and cover the groove with the provided plate (see figure).



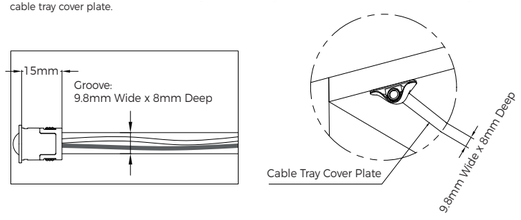
Surface-Mounted Installation Method 1

1. Cable Routing via Ceiling Drilling: Peel off the adhesive backing of the mounting bracket, stick the bracket to the ceiling, and then secure it with screws as shown in the figure below.
2. Snap the switch into the base to secure it, drill a φ6mm cable-passing hole at the arc of the base, thread the switch cable through the hole, and then fasten the upper shell into the mounting bracket.



Surface-Mounted Installation Method 2

Shelf Grooving for Cable Routing: First, cut a groove in the shelf, install the cable tray base of the corresponding length, and route the input wire and output wire of the inductive switch out of the cable threading hole on the back panel through the cable tray. Then fix the inductive switch, and finally install the cable tray cover plate.



Notes:

* This control head is for indoor use only.
* Please check the wires, transformer and all other parts regularly for damage; if any parts are damaged, the product should not be used.
* Only the induction centralised control switch can be used tomatch the company's intelligent dimming power supply.
* To install and use the induction central control switch, please strictly abide by the requirements of this manual and keep the instructions for future use.
* The control box of this product cannot be disassembled and repaired.
* Do not install the control box where water drips.
* Please note that changes or modifications of this product is not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Maintenance

* This induction central control switch cannot be disassembled, repaired, or replaced by yourself; if the induction central control switch is damaged, it can only be replaced.
* Please use a dry cloth to clean; strong detergents are strictly prohibited.

⚠ NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the Receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Please note that changes or modifications of this product is not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.