

Instruction of Switch with Human Sensor



Application:

This product is suitable to use in the passage at home, hotel, and office for time-delay lighting and long-lasting lighting.

Characteristic:

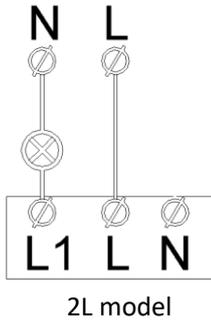
1. Three modes for options: ON (always on), OFF (always off), PIR (Pyroelectric Infrared reacting/sensing). You can switch between different modes easily by the rod at the front plate of the product, to satisfy different circumstances' need.
2. This product is pyroelectric infrared sensor with customized IC chip. Excellent performance against interference and high sensitivity is guaranteed.
3. When working under PIR mode, light is controlled automatically by pyroelectric infrared sensor. When people come, light will be on; when people leave, light will be off with time-delay. When the circumstance is bright enough, switch will keep the light off in order to save power.
4. When working under PIR mode, if people keep moving in the sensible district, light will keep on; time-delay counts from the last sensible moving.
5. This product is with LED indicator. When the power is on, LED indicator will be on; when the power is off, LED indicator will be off.

Parameters:

Subject	2L
Working Voltage	180-250V~ 50 /60Hz
Output Power	Incandescent Lamp: 5~200W Fluorescent Lamp: 5~50VA LED Lamp: 5-30VA
Sensible Angle	110°
Sensible Distance	5-7 meters (25° C)
Light Sensitivity	3-7LUX (adjustable)
Time-delay	30-260 seconds (adjustable)
Dimension	82*82*50mm
Working temperature	-20~50° C
Working Humidity	10%~90%RH

Installation:

1. Please follow the diagram below to install this product:



2. Using Instruction:

After wiring appropriately according to the above diagram, toggle to the mode which you need by the rod on the front plate.

Remove the front plate, you can see two cross groove at the back of front panel. Under PIR mode, you can adjust the lighting sensitivity and time-delay by rotating the cross. Factory setting is lowest lighting sensitivity and shortest time-delay. Please follow the instruction below to adjust:

Adjust lighting sensitivity:

Rotate the cross above the icon   in clockwise direction to raise the lighting sensitivity, while rotate the cross in anticlockwise direction to lower the lighting sensitivity;

Adjust time-delay

Rotate the cross above the icon   in clockwise direction to prolong the time-delay, while rotate the cross in anticlockwise direction to shorten the time-delay;

Attention:

1. To avoid electric shock, only professional technician is allowed to install or disassemble this product.
2. Please strictly follow the electric scheme printed at the back of the product for installation, in order to avoid any serious problem caused by short-circuit or overload.
3. When this product is working under PIR mode, please make sure the cambered surface is parallel to people's moving direction. Otherwise, the sensible distance will be less than the described parameter, or the sensor will fail to detect people's moving.
4. This product detect moving by sensor against the variation of human's temperature, so it may be affected by circumstance or other factors such like circumstance temperature, people's moving speed and direction, the cloth they are wearing, and the detecting district.
5. Keep away from the controlled light, heat source, entrance or outlet of cold or hot air, ventilation outlet, or any place directly glared by strong light.
6. Frequent switching will shorten the light's life-span, especially for the fluorescent light. For the application district where needs to switch on/off the lighting frequently, we suggest to use resistance-type load, such like incandescent light.
7. This product is for wall mounting. The installation place should be no less than 1 meters away from the light.
8. The height for installation should be 1.4 meters ~ 1.6 meters. Please note the installation direction, and please install in the place where it is easy to detect people's moving.