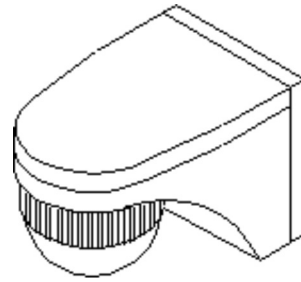


LX116A infrared sensor instruction

The product is a new energy-saving switch, it adopts integrated circuit and the good sensitivity detector. It incorporates automatism, convenience, energy-saving, safety and practicality. It works by receiving human motion infrared rays. It can start the controlled load at once when one enters detection field. It can identify day and night automatically. Its installation is very convenient and using range is wide.



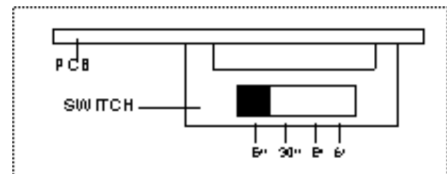
SPECIFICATIONS:

Power source: 100V/AC~130V/AC
220V/AC~240V/AC
Power frequency: 50~60Hz
Light-control: <30LUX
Time-delay: 5sec (TEST) , 30sec,
2min±30sec, 6min±1min
Rated load: 800W (110V/AC)
1200W(220V/AC)
Detection distance: 8 max (24°C)

Detection range:
150°(LX116A-1 detector)
250°(LX116B-2 detectors)
Working temperature: -20°C~+40°C
Working humidity: <93%RH
Installation height: 2m~4m
Power consumption: 0.5W (static 0.1W)
Detection speed: 0.6 ~1.5m/s

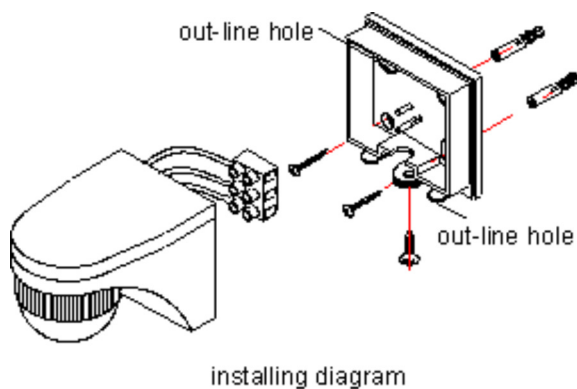
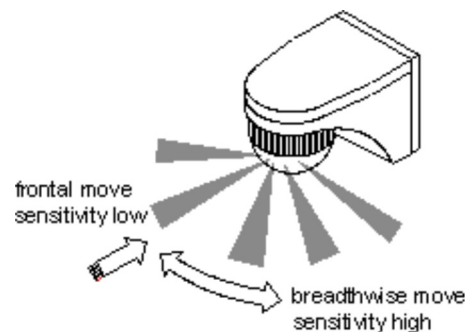
FUNCTION:

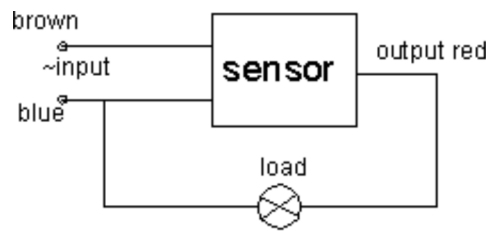
- Can identify day and night automatically: It can work in the daytime and at night when you turn the switch to the 5" (TEST) position. It can work only in the light below 30LUX when you turn it to the 30", 2', 6' position.
- Time-delay is adjustable: time-delay can be set freely according to consumer's desire. The 5" (TEST) position is about 5sec. 30" position-----about 30sec, 2'----- 2min±30sec, 6'-----6min±1min.



INSTALLATION:

- Select suitable installing position, attention: the human body moving orientation has great relationship with the sensitivity (like right diagram);
- Switch off the power before installing.
- Tighten off the base screw.
- Install the base on the selected position with inflated screw.
- Connect the power and the load into the connection-wire column of the sensor according to connection-line diagram.
- Cover the body and tighten up the base screw.





connection-line diagram

TEST:

- Turn the switch to the 5" (TEST) position,
- Switching on the power, after 60sec the product enter stable working state;
- 5~10sec later after the load should stop working, make it sense, the load should work. Under no continual sensing signal condition, the load should stop working within about 5sec.
- Turn the switch to the 30" position. Sense it, the load shouldn't work in the ambient-light more than 30lux. If you cover the detection window entirely with the opaque objects (towel etc, simulating night light), sense it, the load should work. Under the no sensing signals condition, the load should stop working within about 30sec.

NOTES :

- Electrician or experienced human can install it ;
- The unrest objects can't be regarded the installation basis-face ;
- In front of the detection window there aren't hinder or unrest objects effecting detection.
- Avoid installing it near air temperature alteration zones for example: air condition, central heating, etc
- Please don't open the case for your safety if you find the hitch after installation.