

PIR Motion Sensor Light Switch

This motion detector features a 3-line modular design and a wide detection angle. It is suitable for use in corridors, warehouses, garages, and basements to save energy.



ADDITIONAL IMAGES



Product Overview

Intelligent Motion Sensing

This 3-line modular PIR motion detector is designed to optimize energy efficiency in corridors, warehouses, garages, and basements. Featuring advanced pyroelectric infrared technology with a customized IC chip, it delivers high sensitivity and excellent interference resistance. The switch offers three operational modes—ON, OFF, and PIR—allowing for flexible lighting control tailored to your specific environment.

Technical Specifications



Visual aid illustrating sensor detection zones and coverage areas.

Electrical Ratings

250 V

Max Voltage

400 W

Max Load (Incandescent)

50 Hz

Frequency

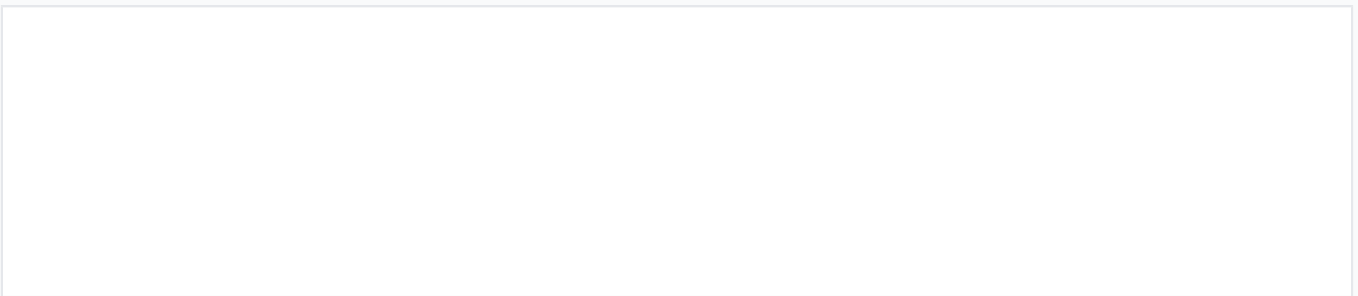
Detection Parameters

- Detection Angle: 110°
- Detection Distance: 5-7 meters (at 25°C)
- Light Sensitivity: 3-7 LUX (adjustable)
- Time-Delay: 30-260 seconds (adjustable)

Output Power Compatibility

| Lamp Type | 3-Line Model | 2-Line Model |
|--------------|--------------|--------------|
| Incandescent | 0-400W | 5-200W |
| Fluorescent | 0-60VA | 5-50VA |
| LED | 0-40VA | 5-30VA |

Installation & Design



Wiring configuration guide for 3-line and 2-line sensor models, showing proper terminal connections.

Physical Characteristics

- Dimensions: 82 x 82 x 50 mm
- Material: Polycarbonate (PC)
- Connection: Screw terminal
- Installation: Indoor

Available Colors

White • Rose Gold • Champagne • Bronze • Platinum • Luxury Gold

Environmental Conditions

Operating Environment

50 °C

Max Temp

-20 °C

Min Temp

90 %RH

Max Humidity