



Quick Sense QS-05B Mini Motion Sensor Light Switch User Manual

[Home](#) » [Quick Sense](#) » Quick Sense QS-05B Mini Motion Sensor Light Switch User Manual 



Qlik[®] Sense

**QS-05B Mini Motion Sensor Light Switch
User Manual**

Contents

- [1 QS-05B Mini Motion Sensor Light Switch](#)
- [2 SPECIFICATION:](#)
- [3 Function](#)
- [4 CONNECTION-WIRE SKETCH DIAGRAM](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)

QS-05B Mini Motion Sensor Light Switch



Thank you for purchasing PIR SENSOR!

The adjustable PIR motion sensor light switch is designed to be compact, making it suitable for indoor use in various spaces. This light switch is ideal for energy-efficient lighting options, helping you save on electricity costs. Great detection capacity is sensed by sensor. This light switch offers the convenience of both day and night modes. You can choose whether you want it to activate only during the night or both day and night. The light switch is designed for easy installation, making it accessible for both DIY enthusiasts and professionals. It comes with clear instructions and the necessary mounting hardware.

SPECIFICATION:

Power Sourcing: AC120v–240v

Power Frequency: 50Hz – 60Hz

Rated Load: <40W

Time Delay : 15sec 45sec 5min

Adjustable illumination : Deep dark – Light dark – All day

Installing Height :- 2.2m – 4m

Detection Range: 110°

Working Temperature: -20~+40°C

Detection Motion Speed: 0.6~1.5m/s

Detection Distance: 4m – 6m



Function

- A small PIR (Passive Infrared) motion sensor is a type of electronic sensor commonly used to detect movement of humans, animals, or other heat-emitting objects within its field of view.
- The heart of a PIR motion sensor is a pyroelectric material, which generates a voltage when exposed to a change in temperature.
- When a person or object moves within the sensor's field of view, the temperature of the surrounding environment changes. As the object moves, it comes into the view of one sensing element and then the sensor start their working.

INSTALLATION (see the diagram)

- Switch off the power completely.
- Four wire connector is in box of packing; connect its connector wit motion sensor.
- Install the motion sensor in fall ceiling with the help of outer valve (present in the packing box).
- Connect brown wire in main power supply, yellow wire with load and blue wire with supply and load common wire as per the connection-wire sketch diagram.
- Adjust Time Delay and Illumination according to your requirement.
- After that excess wire install in ceiling and fix the excess wire.
- When the supplies on the sensor start detection and start their working.

Note: installed the sensor in proper height and connect all wires correctly.

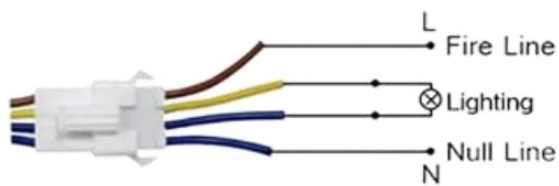
NOTES:

- This product should only be installed by qualified electrician.
- Install the sensor at given height in the manual.
- Connect all input output and ground wire with its specific connections shown in manual.
- For your safety. Please don't uninstall this product before switching off the power completely.

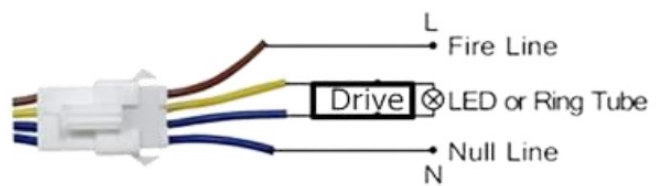
CONNECTION-WIRE SKETCH DIAGRAM

(See the right figure)

Bulb Energy Lamp Wiring Diagram



LED or Ring Tube Wiring Diagram



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Documents / Resources



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QS-05B Mini Motion Sensor Light Switch, QS-05B, Mini Motion Sensor Light Switch, Motion Sensor Light Switch, Sensor Light Switch, Light Switch

References

- [User Manual](#)