

# Switches with Motion Sensor

## PS-MD-002-XX



The model **PS-MD-0-02-XX** is an electrical switch that would switch ON an electrical circuit up to 5 Ampere capacities by sensing the movement. It switches OFF the load automatically, after a specified time, selectable between 20 to 2000 secs. Operation of the same for intermittent, re-trigger etc., is possible and is detailed in the product manual. A self-illuminated push-button switch lets to operate by passing the motion detection. The model is also provided with additional three numbers of LED lamps (0.5Wcapacity), in addition to the five-ampere capacity relay. This would let one to use it as a foot lamp. It is possible to switch on three phase loads by integrating it into the switch gear box **PS-CB-0011P/3P**. It is available in two standard colors as well as special colors, on request.

### Product Highlights

- Switches ON electrical loads up to 5 Amps by sensing motion.
- Provision to operate heavy three phase loads.
- On time settable from 20 to 2000 seconds
- Single, re-triggerable or continuous ON operation
- Illuminated switch to bypass movement sensing
- Built-in LED lights to act as foot lamps.
- Potential free relay output
- Available in standard and special colors on request.



**Fig. 1** Motion detector

### Applications

- Corridor/restroom lighting control
- Staircase lighting for flats
- Security-related illumination at homes/offices
- Auto switching of pedestal lamps in bedrooms
- Conference room lighting

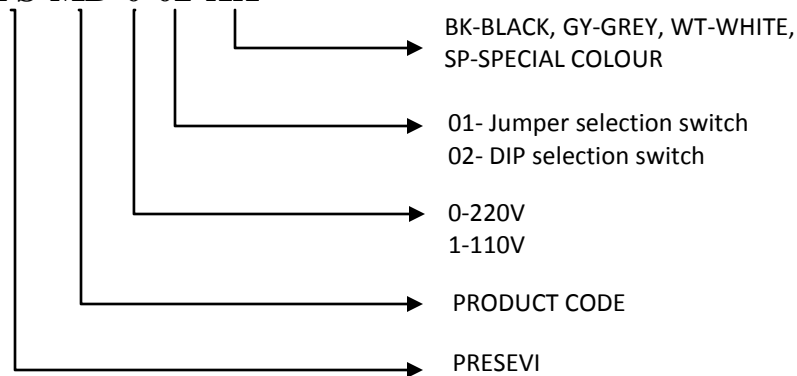
**Presevi Industries Pvt. Ltd** Chennai, India, established in 1986, is an ODM with DSIR recognized R&D and two factories. The firm designs develop and manufacture highly reliable electronic controllers for appliance industries such as Air conditioning, refrigeration, washing machines, also by covering sectors like energy, hospitality, illumination etc. This 30-year-old firm that possesses cumulative knowledge & expertise, has successfully completed several special innovative Research based product developments, in mechatronics, power electronics, embedded controller development, instrumentation, networking etc. for Indian Railways, ISRO, IGCAR, BSNL, IIT, etc.

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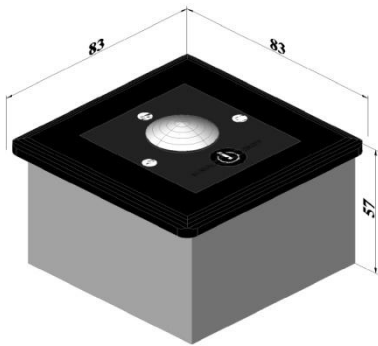
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## Product selection chart

### PS-MD-0-02-XX

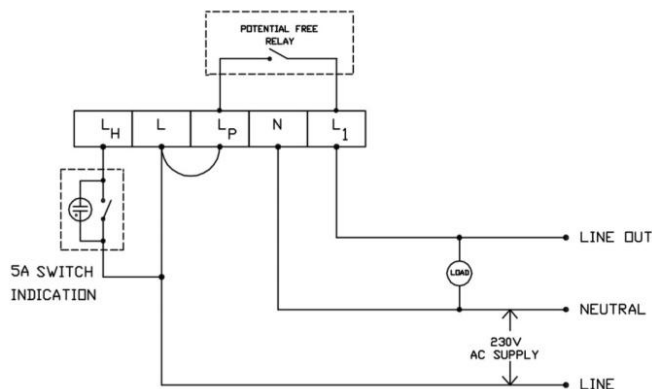


## Mechanical Dimensions (in mm)



L: 83mm; B: 83mm; H: 57mm

## Electrical Connection Diagram



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#16, PillaiyarKovil Street, Kanagam, Taramani (PO), Chennai-600 113, INDIA.

🌐 [www.presevi.in](http://www.presevi.in) ✉ [marketing@presevi.in](mailto:marketing@presevi.in) / [admin@presevi.in](mailto:admin@presevi.in)

☎ +91 44 22542563/64 📞 9087012560/9382150289

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