

Product Profile

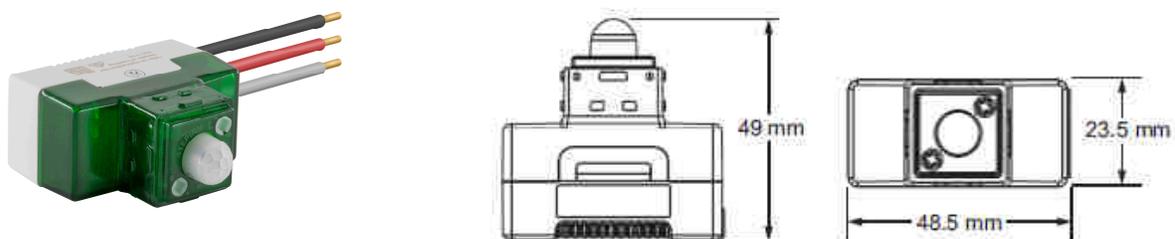
PDL352MPIR-TN – Sensor Mech Iconic

The PDL352MPIR (Passive Infrared) Sensor Module is suitable for automatic switching (Power Saving) or security applications in domestic and commercial premises.

The Sensor has a 100° horizontal and 82° vertical field of view with a 5-metre range. Switching capacity is 750W incandescent, 100W fluorescent, 150W LED and 100W motor ratings.

The sensor controlled light is switched ON when infrared radiation from a moving target is detected and OFF again when movement stops and the pre-set time delay is reached. Time delay is adjusted between 10 seconds and 15 minutes. The Sensor has a lux (light level) adjustment.

The PDL352MPIR is fitted with a red LED indicating that the device is sensing the target.



PDL 352MPIR-TN	Technical Specifications
Operating voltage	220–240 V a.c., 50 Hz
Load ratings	Incandescent lamps: 750 W Fluorescent lamps: 100 W LED lamps: 150 W (max. 4 lamps) Motor: M.3 AC halogen lamps: 400 W LV halogen lamps: 400 VA
Timer setting range	min. 10 s, max. 15 mins
Lux setting range	min. 2 lx, max. 2000 lx
Detection technology	Passive Infrared (PIR)
Angle of coverage	100° horizontal, 82° vertical
Detection range	max. 5 m (at 20–25 °C)
Environmental rating	IP20 (for indoor use only)
Operating temperature	–10 °C to 50 °C
Compliance	AS/NZS 60669-2-1

Life Is On

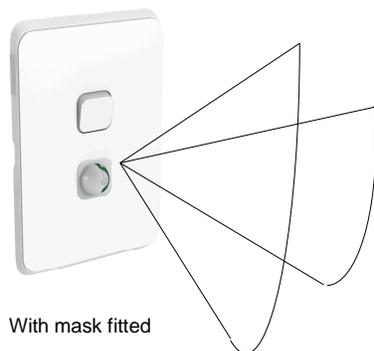
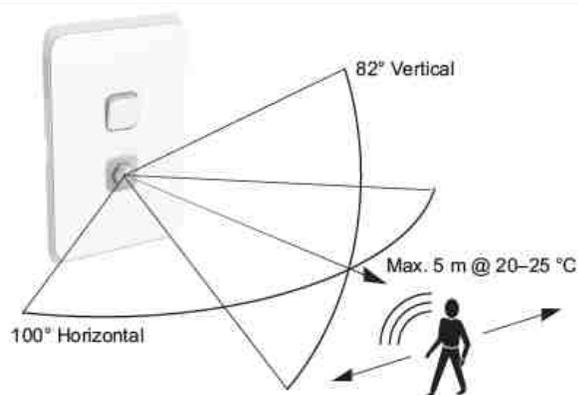


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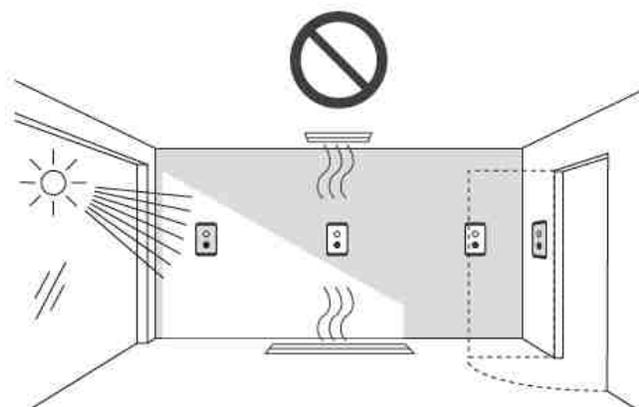
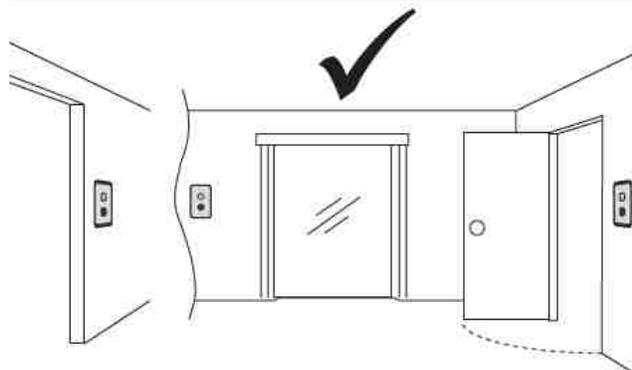
PDL352MPIR-TN Sensor Mech Iconic

Detection pattern and range



With mask fitted

Sensor locations



FAQ

Is there a sensitivity adjustment?

No. The sensitivity is preset at the factory based on a person moving across the sensor field at a distance of 5 metres. Variations in sensitivity will occur, depending on such factors as:

- background heat
- light level
- clothing that the person is wearing
- the direction that the person is moving relative to the sensor.

How can I stop the sensor from false tripping?

The PIR sensor comes with a fully shrouded fascia that allows certain portions of the sensor's view to be blocked. Simply leave in the sections of the shroud that do not need to be monitored and fit the shroud. For more information view the *Installation instructions*

Can I wire the sensors in parallel?

Yes, however the maximum number of sensors you can use will vary depending on installation and loads.

Can I adjust the Time and Lux?

Yes for more information see *Adjusting the Timer and Lux Settings* in the installation instructions

Can I install the sensor anywhere?

No, the sensor is only suitable for indoor installation.

Can the product be used as an alarm sensor?

No, the product is for lighting and power applications only.

Will the product operate when mounted in a ceiling?

No, the sensor needs to be installed in a wall plate at an ideal height of 1.2 m.

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