PDL

PRODUCT DATA AND APPLICATION SHEET

CATALOGUE #
100MPIR

BARCODE #
9416175225987

DESCRIPTION   **A modular passive infrared sensor with clip on fascia.**
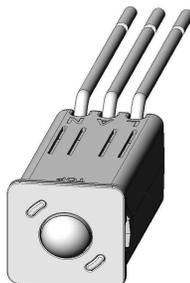
BOX QUANTITY   10   **OUTER QUANTITY**   160

FEATURES
-Modular.
-Fits 600 series.
-Fits 800 Modena series.
-Range of colours – White, black, cream, ivory.
-Double insulated.
-Surge protection (PIR circuit only).

SPECIFICATIONS
- Forward range of 5 Metres.
- Field of view 100deg Horizontal / 82deg Vertical.
- Time settings 10 sec to 15 minutes.
- Adjustable lux 1-5 min. to 2000 lux max.
- 230-250 volts AC at 50Hz.
- Operating temperature −10° to 50°C
- Ratings -   750W MAX Incandescent, (3A)
    - 100W MAX Fluorescent
    - 100W Motor rating
    - 400W Halogen rating (Wire-wound & Electronic
       transformer)

APPLICATIONS
Security lighting in domestic, commercial or industrial premises.
Power saving with automatic switching.
Convenience.

FAQ's   **What mounting products will the 100MPIR fit into?**
89DI, 140C, 140F (when mounted in a 681VH, 682VH or 683VH), 141C, 143, 144 (when used with 9mm or thicker wall lining), 146S (when used with 9mm or thicker wall lining), 89DP

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(when used with 531 spacer) and 537 (when used with 531 spacer).

What colours are available?
The 100MPIR comes with White, Black, Cream and Ivory fascia plates and a fully shrouded white fascia for masking.

Is there a sensitivity adjustment?
No, this is preset at the factory based on sensing a person moving across the sensor field at a distance of 5 metres. Variations in the sensitivity will occur depending on, among others, background heat, light level, clothing of the person and direction the person is moving relative to the sensor.

How can I stop the sensor from false tripping?
Each PIR 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.

How can I fit the sensor?
The module fits into 600 series wall plates and 800 Modena series wall plates (using the 800MA module adaptor)

Can I wire the sensors in parallel?
Yes, however the total number will vary depending on installation and loads (generally up to 4 sensors is fine)

How do I adjust the Time and Lux?
The front fascia will clip off to reveal adjustment screws for Time and Lux.

Can I install the sensor anywhere?
You should take care to avoid hot and cold drafts directly flowing over the sensor head. Consider avoiding wood burners, open fires, vents and areas where direct sunlight could affect the sensor's performance.

Can the 100MPIR be used outdoors?
The unit has been designed as an indoor sensor only.

Can the 100MPIR be used as an alarm sensor?
No, the 100MPIR is not designed as a security PIR, although it can be used for security lighting.

Will the 100MPIR operate when mounted in a ceiling?
Yes, the 100MPIR will still function when mounted in a ceiling.