ISI-BMPIR17MDALI

Batten Mount Passive Infra Red (PIR) Occupancy Detector & Photocell

Input: 100-240 Vac 50/60Hz

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THE PRODUCT
NOTE: This product is only compatible to work with ISI enable equipment.

This ISI-BMPIR17MDALI module is designed for building into luminaires. Configurable via the free to download Danlers APP on Google Play or Apple APP Store.

INSTALLATION

To be installed by a competent person with reference to BS 7671 or equivalent local standards. If in doubt consult a qualified electrician.

- Plan where the ISI-BMPIR17MDALI is to be located (see diagram 1).
- Switch off supply to the lighting batten.
- Remove the 20mm knockout from the end of the lighting batten.
- Remove the 20mm threaded nut from the sensor.
- Feed the trailing wires through the knockout hole, with the sensor facing downwards tigthen the 20mm nut (see diagram2).
- The ISI-BMPIR17MDALI device should be connected as shown (see diagram 3).

BROWN	Live supply.
BLUE	Neutral supply.
RED	DA + Dimming control out.
BLACK	DA - Dimming control out.

OPERATION

To check the operation of the ISI-BMPIR17MDALI:

- Turn on the supply then after 20 seconds if the sensor has recognised movement of a person within its zone of detection the integral red LED on ISI-BMPIR17MDALI will flash. (subject to software version)
- Thereafter, every time movement is detected by ISI-BMPIR17MDALI the integral red LED will flash (subject to software version)

  The control also features adjustable time out (time lag) control and daylight threshold control which are configured by the APP.

PRECAUTIONS

- Do not place the ISI-BMPIR17MDALI near heat sources, fans or in ventilated ceiling voids.
- Do not place close to, or positioned such that, any light source points directly into the ISI-BMPIR17MDALI.
- The ISI-BMPIR5MDALI should be protected by a suitable fuse.
- **Disconnect the ISI-BMPIR17MDALI from the circuit before performing insulation testing of the wiring circuit.**

5 YEAR WARRANTY

ISI-BMPIR17MDALI comes with a 5 year warranty from the date of manufacture and is CE marked.

UK CA CE

TECHNICAL DETAILS

INPUT	
Voltage:	100-240 Vac
Frequency:	50/60Hz
Max. mains current:	20mA
Standby current:	18mA
OUTPUT	
Output:	DALI 15VDC
Max Current:	16mA (maximum 8 ballasts)
RADIO TRANSCEIVER	
Operating frequencies:	2.4... 2,483 GHz
Max. output power:	+4 dBm
LUX PARAMETERS	
Range:	5 - 2000 lux (on face of product)
OPERATING CONDITIONS Note: The temperature difference between the detection target and the background must be at least 4 °C.	
Ambient temperature:	-20... +40 °C
Storage temperature:	-25... +75 °C
Max. relative humidity:	0... 80%, non cond.
POWER SUPPLY CONNECTORS	
Wire strip length:	6-7mm
MECHANICAL DATA	
Dimensions:	120mm x 50mm x 36mm
Weight:	88g (unpacked)
Degree of protection:	IP50
Protection class:	Double Insulated
Material (casing)	Flame-retardant polycarbonate/ Polypropylene.
Finish / Colour	Opaque /White (RAL 9003)
CONFORMITY AND STANDARDS	
EMC emission: EN 301 489-1 V2.2.0, EN 301 489-17 V3.1.1, EN 55032: 2015, EN61000-3-2: 2014, EN61000-3-3: 2013	
EMC immunity: EN 301 489-1 V2.2.0, EN 301 489-17 V3.1.1	
Environment: Complies with WEEE and RoHS directives	

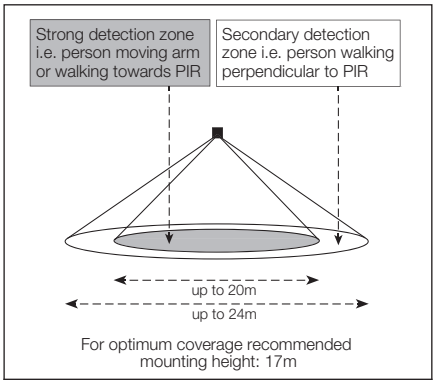

DIAGRAM 1 - CEILING MOUNTED DETECTION

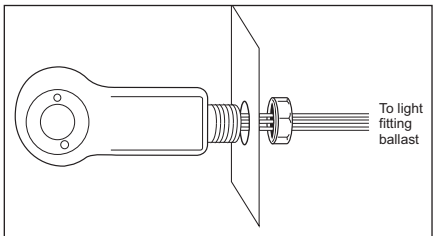

DIAGRAM 2

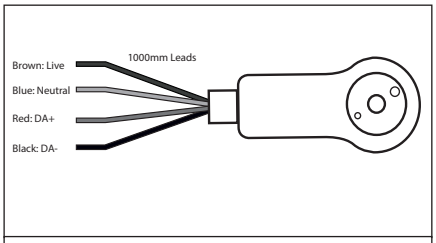

DIAGRAM 3

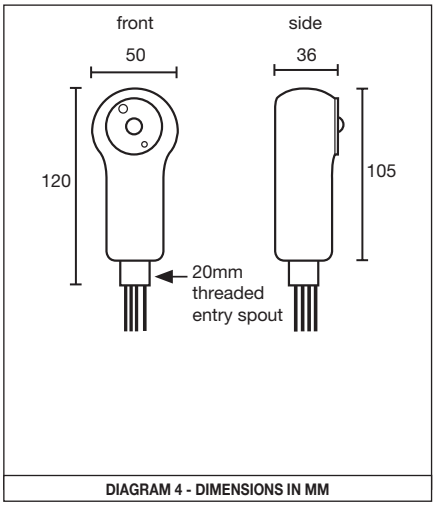

DIAGRAM 4 - DIMENSIONS IN MM

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