CBU-MNPIR17MDALI

Ceiling Flush Mount Passive Infra Red (PIR) Occupancy Detector & Photocell



Input: 100-240 Vac 50/60Hz

CASAMBI

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THE PRODUCT NOTE: CBU-MNPIR17MDALI is only compatible to work with Casambi enabled app.

This flush mounted CBU-MNPIR17MDALI is suitable **TECHNICAL DETAILS** for easy mounting through a 38/40mm diameter hole into a ceiling void which is at least 60mm deep. Configurable for any room occupancy style, via the free to download Casambi 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 CBU-MNPIR17MDALI is to be located (see diagram 1). Switch off supply and check for hidden cables and pipes. Make a 38/40mm diameter hole through a standard ceiling board.
- The MNPIRPSDALI should be connected as shown in diagram 2, to the power supply:
 - L Live in. N Neutral in. +DA/-DA DALI control lines (Polarity independent)
- Ensure both springs are fitted to the CBU-MNPIR17MDALI in the correct orientation (see
- Fit one end of the Telejack into the MNPIRPSDALI the other end fit to the CBU-MNPIR17MDALI. (see diagram 4)
- · Push both connected products into the ceiling void.

OPERATION

To check the operation of the CBU-MNPIR17MDALL subject to software version:

- 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 CBU-MNPIR17MDALI will flash before the red LED turns off.
- Thereafter, every time movement is detected by CBU-MNPIR17MDALI the integral red LED will

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

PRECAUTIONS

- Do not place the CBU-MNPIR17MDALI 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 CBU-MNPIR17MDALI.
- Ensure wires and cables are securely held within the connection terminals.
- The CBU-MNPIR17MDALI should be protected by a 5 or 6 Ampere mcb or fuse.
- Disconnect the CBU-MNPIR17MDALI from the circuit before performing insulation testing of the wiring circuit.

INPUT		
Voltage:	100 - 240Vac	
Frequency:	50/60Hz	
Max. mains current:	20mA	
Standby current:	18mA	
OUTPUT		
Output:	DALI 15VDC	
Output Current:	16mA (maximum 8 ballasts)	
RADIO TRANSCEIVER		
Operating frequencies:	2.4 2,480 GHz	
Max. output power:	+4 dBm	
LUX PARAMETERS		
Range:	5 - 2000 lux	
OPERATING CONDITIONS Note: The temperature difference between the detection target and the background must be at least 4 °C.		

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Ambient temperature:	-20 +40 °C
Storage temperature:	-25 +75 °C
Max. relative humidity:	0 80%, non cond.

CONNECTORS

Terminal block Wire size:	0.5mm ² - 2.5mm ² solid or stranded
Wire strip length:	6-7mm
Tightening torque:	0,4 Nm/4 Kgf.cm
MECHANICAL DATA	
Dimensions:	See Diagram 3

WILCHAMICAL DATA	
Dimensions:	See Diagram 3
Weight:	85g (unpacked)
Degree of protection:	IP40
Protection class:	Built-in Class 2
Material (casing)	Flame-retardant polycarbonate
Finish / Colour	Matt /White (RAL 9003)
Protection class:	Built-in Class 2

CONFORMITY AND STANDARDS

EMC emission:

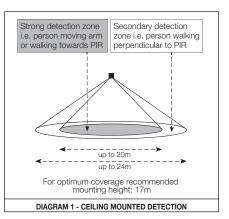
EN 301 489-1 V2.2.0, EN 301 489-17 V3.1.1, EN 55032: 2015, EN61000-3-2: 2014,

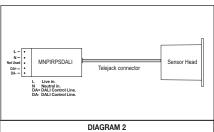
EMC immunity: EN 301 489-17 V3.1.1

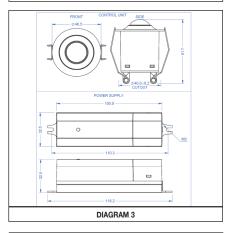
Complies with WEEE and RoHS directives

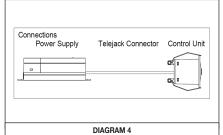
5 YEAR WARRANTY

CBU-MNPIR17MDALI comes with a 5 year warranty from the date of manufacture and is CE marked. manufacture and is CE marked.













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