CBU-MNPIRWZSW

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-MNPIRWZSW is only compatible to work with Casambi enabled app.

This flush mounted CBU-MNPIRWZSW is suitable 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-MNPIRWZSW 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 MNPIRPSSW should be connected as shown in diagram 2:

  L - Live in. N - Neutral in. SW - Switched line.
- Ensure both springs are fitted to the CBU-MNPIRWZSW in the correct orientation (see diagram 3)
- Fit one end of the Telejack into the MNPIRPSSW the other end fit to the CBU-MNPIRWZSW. (see diagram 4)
- Push both connected products into the ceiling void.

OPERATION

To check the operation of the CBU-MNPIRWZSW 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-MNPIRWZSW will flash before the red LED turns off.
- Every time movement is detected by CBU-MNPIRWZSW the integral red LED will flash.

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-MNPIRWZSW 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-MNPIRWZSW.
- Ensure wires and cables are securely held within the connection terminals.
- The CBU-MNPIRWZSW should be protected by a 5 or 6 Ampere mcb or fuse.
- **Disconnect the CBU-MNPIRWZSW from the circuit before performing insulation testing of the wiring circuit.**

TECHNICAL DETAILS

INPUT	
Voltage:	100 - 240Vac
Frequency:	50/60Hz
Max. mains current:	20mA
Standby current:	14mA
LOADING	
Fluorescent lamps, either high frequency	2 amps (450W)
Incandescent or mains halogen lamps	2 amps (450W)
LED lamps and drivers (PF ≥ 0.95).	2 amps (450W)
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.	
Ambient temperature:	-20... +40 °C
Storage temperature:	-25... +75 °C
Max. relative humidity:	0... 80%, non cond.
CONNECTORS	
Terminal block Wire size:	0.5mm² - 2.5mm² solid or stranded
Wire strip length:	6-7mm
Tightening torque:	0,4 Nm/4 Kgf.cm
MECHANICAL DATA	
Dimensions:	See diagram 3
Weight:	102g (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, 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	

5 YEAR WARRANTY

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

UK CA CE

DANLERS Limited, Vincients Road, CHIPPENHAM, Wiltshire, SN14 6NQ, UK.
Telephone: +44 (0)1249 443377 Fax: +44 (0)1249 443388 E-mail: sales@danlers.co.uk
www.danlers.co.uk Company Registered Number 2570169 VAT Registration Number 543 5491 38

DANLERS

CBU-MNPIRWZSW

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

Input: 100-240 Vac 50/60Hz

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

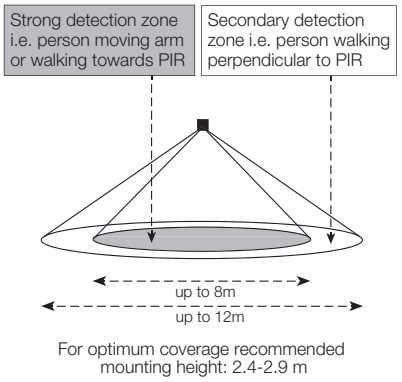

DIAGRAM 1

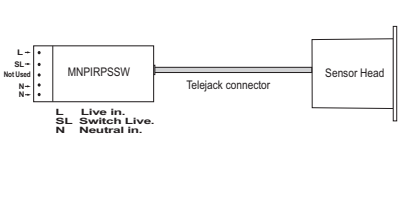

DIAGRAM 2

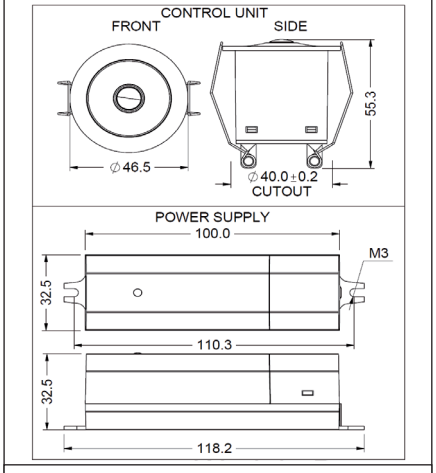

DIAGRAM 3

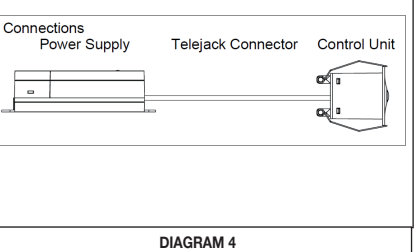

DIAGRAM 4

DANLERS Limited, Vincients Road, CHIPPENHAM, Wiltshire, SN14 6NQ, UK.
Telephone: +44 (0)1249 443377 Fax: +44 (0)1249 443388 E-mail: sales@danlers.co.uk
www.danlers.co.uk Company Registered Number 2570169 VAT Registration Number 543 5491 38

DANLERS