CBU-MNPIR5MSW

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-MNPIR5MSW is only compatible to work with Casambi enabled app

This flush mounted CBU-MNPIR5MSW 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-MNPIR5MSW 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-MNPIR5MSW in the correct orientation (see diagram 3)
- Fit one end of the Telejack into the MNPIRPSSW the other end fit to the CBU-MNPIR5SW. (see diagram 4)
- · Push both connected products into the ceiling void.

OPERATION

To check the operation of the CBU-MNPIR5MSW 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-MNPIR5MSW will flash before the red LED turns off.
- · Every time movement is detected by CBU-MNPIR5MSW 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-MNPIR5MSW 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-MNPIR5MSW.
- Ensure wires and cables are securely held within the connection terminals.
- The CBU-MNPIR5MSW should be protected by a 5 or 6 Ampere mcb or fuse.
- Disconnect the CBU-MNPIR5MSW from the circuit before performing insulation testing of the wiring circuit.

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 04/09/2023 DAT0239 CBU-MNPIR5MSW

EN61000-3-2: 2014 EN61000-3-3: 2013

TECHNICAL DETAILS

INPUT 100 - 240Vac Voltage: Frequency: 50/60Hz Max. mains current: 20mA 14mA Standby current: LOADING Fluorescent lamps, 2 amps (450W) either high frequency Incandescent or mains 2 amps (450W) halogen lamps LED lamps and drivers 2 amps (450W) $(PF \ge 0.95).$ **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 -25... +75 °C Storage temperature: Max. relative humidity: 0... 80%, non cond. CONNECTORS Terminal block 0.5mm² - 2.5mm² solid or stranded Wire size: 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 Built-in Class 2 Protection class: Flame-retardant Material (casing) polycarbonate Finish / Colour Matt /White (RAL 9003) Built-in Class 2 Protection class: CONFORMITY AND STANDARDS EMC emission: EN 301 489-1 V2.2.0, EN 301 489-17 V3.1.1, EN 55032: 2015,

EMC immunity: EN 301 489-1 V2.2.0,

CASAMBI

EN 301 489-17 V3.1.1

Environment: Complies with WEEE and RoHS directives

5 YEAR WARRANTY

CBU-MNPIR5MSW comes with a 5 year warranty from the date of manufacture and is CE marked.







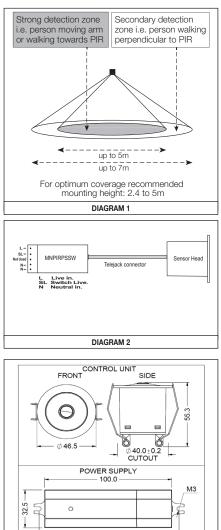
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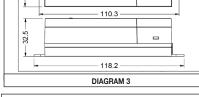
CBU-MNPIR5MSW

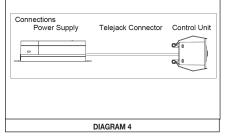
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