

INGY-MOD17M10V12V DANLERS

Passive Infra Red (PIR) Occupancy Detector & Photocell Module

Input: 12VDC

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THE PRODUCT

NOTE: This product is only compatible to work with INGYX enable equipment



This INGY-MOD17M10V12V module is designed for building into luminaires or it can be mounted onto a Eurodata plate. Configurable via the free to download 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.

- A mounting bezel is supplied to assist manufacturers to mount the INGY-MOD17M10V12V control unit into a luminaire housing.
- The INGY-MOD17M10V12V control unit snap fits into the mounting bezel.
- The Power Supply (INGY-PSU12VDC) for the INGY-MOD17M10V12V device must be connected as shown in diagram 2:
+12 - 12V in. 0V - 0V in. 0 Dim-/ + - Control lines.
- INGY-MOD17M10V12V must be connected to the Power Supply (INGY-PSU12VDC) via the DANLERS communication cable provided.
NOTE: The use of non DANLERS connectors may damage the INGY-MOD17M10V12V or INGY-PSU12VDC and will invalidate the warranty.

OPERATION

To check the operation of the INGY-MOD17M10V12V 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 INGY-MOD17M10V12V will stay illuminated for 4 seconds before the red LED turns off.

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

PRECAUTIONS

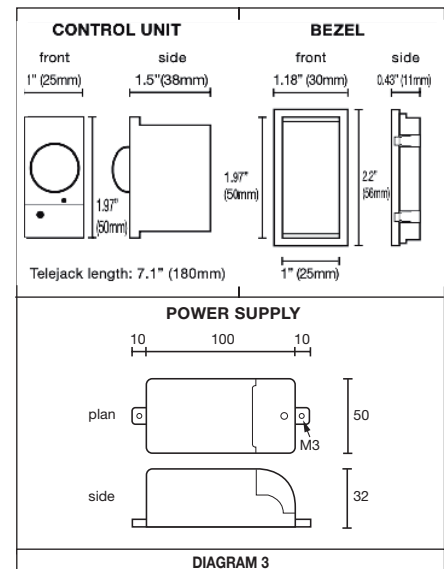
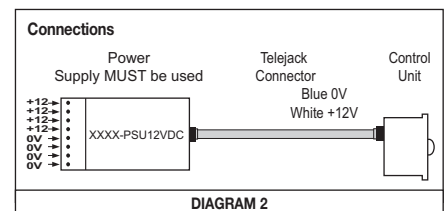
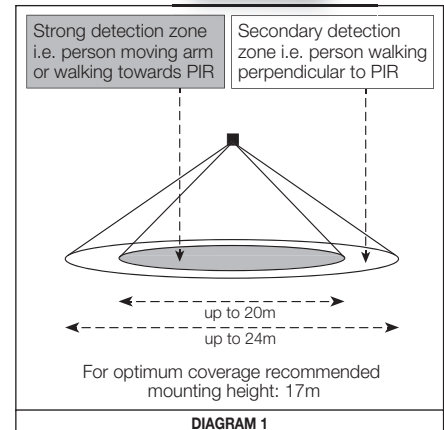
- Do not place the INGY-MOD17M10V12V near heat sources, fans or in ventilated ceiling voids.
- Do not place close to, or positioned such that, any light source points directly into the INGY-MOD17M10V12V.
- Ensure wires and cables are securely held within the connection terminals.
- Disconnect the INGY-PSU12VDC from the circuit before performing insulation testing of the wiring circuit.**

5 YEAR WARRANTY

INGY-MOD17M10V12V comes with a 5 year warranty from the date of manufacture and is CE marked.

TECHNICAL DETAILS

INPUT	
Voltage:	11.5-13VDC
Frequency:	NA
Max. mains current:	52mA
Standby current:	38mA
RADIO TRANSCIVER	
Operating frequencies:	2.4... 2,483 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:	-4... +104 °F
Storage temperature:	-13... +167 °F
Max. relative humidity:	0... 80%, non cond.
POWER SUPPLY CONNECTORS	
Terminal block Wire size:	14-22 AWG solid or stranded
Wire strip length:	0.23-0.28"
Tightening torque:	3.5lb in.
MECHANICAL DATA	
Dimensions:	Control: 25 x 50 x 38mm Bezel: 30 x 56 x 11mm Power Supply: 50 x 120 x 132mm Telejack: 600mm
Weight:	140g (unpacked)
Degree of protection:	IP20
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	
UL Approvals: UL60730-1/CSA E60730-1, Automatic Electrical Controls Part 1: General Requirements, Edition 5	
Environment: Complies with WEEE and RoHS directives	



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