

EBDHS-KNX | KNX, IP40, high bay/high level, flush mounted, PIR, presence/absence detector



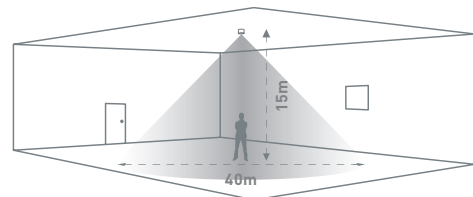
EBDHS-KNX is a high-bay PIR detector designed for increased mounting heights. It is suitable to be mounted either flush or in a surface mount box. Designed for KNX systems, the simple to install EBDHS-KNX provides reliable presence and absence detection with sensitive performance for high-level areas.

Key Product Features:

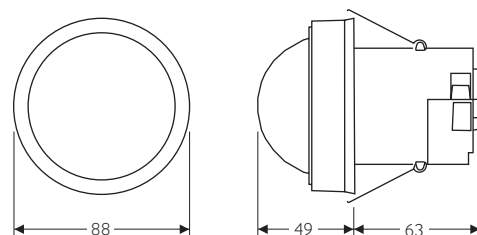
- Ground breaking detection range up to 40m at a 15m mounting height
- Two ELV switch inputs to manually override the dimming levels and / or override the lights on or off
- KNX programming mode accessible with IR handset and also by using the push switch on the back of the unit
- Programmable logic block. This allows conditions to be set. For example: send the occupancy telegram only if the switch is pressed and the lux is low
- All functionality is fully programmable using the KNX ETS commissioning software
- 5 year warranty included

Detection pattern

high < sensitivity > low










Dimensions (mm)







Technical Data

Part Code	EBDHS-KNX
Control method	KNX
IP rating	40
Device/ballast control	–
Weight (kg)	0.200
Supply voltage DC	30 VDC over KNX bus
Terminal capacity	KNX: 1.2mm ² over KNX connector Switch input: 2.5mm ²
Working temperature range °C	-10 to 35
Humidity	5 to 95% non-condensing
Material (casing)	Flame retardant ABS and PC/ABS
Insulation class	Class 2
Compliance	EMC-2014/30/EU, LVD-2014/35/EU
Cutout diameter	64mm

Accessories and Associated Products

Part Number	Description
 DBB	Surface mounting box
 DBB-EXT	Surface mount back box extender
 EBD-ENCIP1	Pre-drilled 64mm hole IP65 detector enclosure
 EXD-HSC	Extended wiring housing
 UHS5	Compact, programming/commissioning handset
 UHS7	Compact, user handset
 UNLCDHS	Universal LCD IR handset/commissioning handset

 A brand of 	CP Electronics A Business unit of Legrand Electric Limited, Brent Crescent, London NW10 7XR, UK t. +44 (0)333 900 0671 info@cpelectronics.co.uk	<p>Important notice:</p> <p>This device should be installed by a qualified electrician in accordance with the latest edition of the IEE Wiring Regulations and the applicable Building Regulations.</p> <p>Due to our policy of continual product improvement CP Electronics reserves the right to alter the specification of this product without prior notice.</p>	  energy services and technology association
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