

Datasheet HB360

EAE KNX Highbay Motion Detector

All you need is EAE



General Description

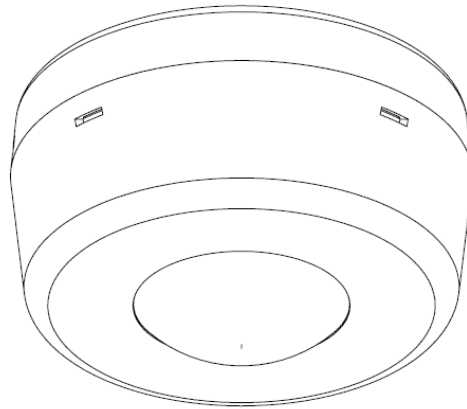


Figure 1: HB360 Highbay Motion Detector

- HB360 KNX Highbay Motion Detector is ideal for warehouses, industrial areas, conference rooms and sport halls.
- Constant light function can be applied in dependence of presence information thanks to integrated brightness sensor and movement sensor. HB360 regulates the ambient brightness to a defined brightness value.
- Lighting can be set to different brightness levels with corridor function based on occasions such as "motion detection, after movement, no action". Stay-on time can be changed the by end user.
- Air-conditioning and ventilation systems can be controlled by independent HVAC channel.
- Presence information can be sent to presence monitoring applications by independent presence channel.
- The EAE KNX HB360 can be used as a standalone device or master-slave device (parallel operation with other sensors) according to necessity of project.
- HB360 enables fully-automatic and semi-automatic lighting control.
- Test and calibration mode allow for easy installation.
- The device does not require an additional power supply.

Technical Data

Type of protection	IP 20 IP44 (Optional)	EN 60 529
Safety class	II	EN 61 140
Power supply :	Voltage	21V... 30V DC, KNX line
	Current consumption	≤ 10 mA
Application Area	Interior rooms	
Sensor Type	Passive infrared	
Installation	Location	Ceiling
	Recommended height	7 m – 14 m
Installation	Diameter (at height of 12m)	22 m movement detection
	Area	113 m ²
	Angle	360°
	Light level	10 – 1000 lux
Additional channels	Brightness, presence channel, HVAC channel	
Parallel operation	Master/Master, Slave/Master	
Operating elements	- LED (red) and button	For physical address
Temperature range	- Ambient	-5° C + 45° C
	- Storage	-25° C + 55° C
Dimensions	See Scale Drawings	
Box	Plastic, polycarbonate, colour grey	
CE	In accordance with the EMC guideline and low voltage	

Datasheet HB360

EAE KNX Highbay Motion Detector

Scale Drawings

