

Motion detector

iHF 3D

EAN 4007841007584



Functional description

No blind spots, no compromises, no errors. The iHF 3D KNX is the perfect motion detector for outdoors. Whether on facades, carports, patios or car parks – the intelligent high-frequency sensor only switches light on when it's really needed. Firstly, because it can distinguish human movements from the movements made by bushes, small animals and rain. And secondly, because users can set the maximum detection radius of 7 metres in all three dimensions with absolute precision to suit their particular needs. And in any weather.

Technical specifications

Type	Motion detectors
Dimensions (L x W x H)	120 x 117 x 120 mm
Mains power supply	120 – 250 V , 50 / 60 Hz
Power supply, detail	500 VA max., 120 V
Sensor Technology	iHF (intelligent high-frequency technology)
Application, place	outdoors
Type of installation	Surface wiring
HF-system	5,8 GHz
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	1,80 – 2,00 m
Optimum mounting height	1,8 m
Detection angle	160 °
Sneak-by guard	Yes
Reach, detail	Detection zone adjustable on 3 axes
Reach, radial	r = 7 m (68 m ²)
Reach, tangential	r = 7 m (68 m ²)
Twilight setting TEACH	Yes
Twilight setting	2 – 2000 lx
Time setting	10 s – 30 min
Switching output 1, resistive	2000 W
Constant-lighting control	No
Basic light level function	No
With remote control	No
Interconnection	Yes
Type of interconnection	Master/master
IP rating	IP54
Material	Plastic
Ambient temperature	-20 – 50 °C
Colour	black
Colour, RAL	9005
Manufacturer's Warranty	5 years

Data sheet



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Version

black

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Sensorenerfassungsbereich 1

