

## Motion detector

# iHF 3D

EAN 4007841007577



### 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

<b>Type</b>	Motion detectors
<b>Dimensions (L x W x H)</b>	120 x 117 x 120 mm
<b>Mains power supply</b>	120 – 250 V , 50 / 60 Hz
<b>Power supply, detail</b>	500 VA max., 120 V
<b>Sensor Technology</b>	iHF (intelligent high-frequency technology)
<b>Application, place</b>	outdoors
<b>Type of installation</b>	Surface wiring
<b>HF-system</b>	5,8 GHz
<b>Electronic scalability</b>	Yes
<b>Mechanical scalability</b>	No
<b>Mounting height</b>	1,80 – 2,00 m
<b>Optimum mounting height</b>	1,8 m
<b>Detection angle</b>	160 °
<b>Sneak-by guard</b>	Yes
<b>Reach, detail</b>	Detection zone adjustable on 3 axes
<b>Reach, radial</b>	r = 7 m (68 m <sup>2</sup> )
<b>Reach, tangential</b>	r = 7 m (68 m <sup>2</sup> )
<b>Twilight setting TEACH</b>	Yes
<b>Twilight setting</b>	2 – 2000 lx
<b>Time setting</b>	10 s – 30 min
<b>Switching output 1, resistive</b>	2000 W
<b>Constant-lighting control</b>	No
<b>Basic light level function</b>	No
<b>With remote control</b>	No
<b>Interconnection</b>	Yes
<b>Type of interconnection</b>	Master/master
<b>IP rating</b>	IP54
<b>Material</b>	Plastic
<b>Ambient temperature</b>	-20 – 50 °C
<b>Colour</b>	white
<b>Colour, RAL</b>	9010
<b>Manufacturer's Warranty</b>	5 years

Data sheet



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**Version**

white

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## Sensorenerfassungsbereich 1

