

Multisensor True Presence

V2 DALI-2 Input Device - concealed

EAN 4007841 081829

Article number 081829



high frequency sensor 360°



Movement Ø 15 m



Presence Ø 15 m



True Presence Ø 9 m



air humidity



air pressure



brightness



CO2



Temperatur



VOC

Function description

Presence detector and air quality sensor in award-winning design with patented True Presence technology. Digitally adjustable detection and setting via the latest Bluetooth Mesh standard. DALI-2 input device (230 V power supply) transmits the collected sensor data to higher-level building management systems. Data collection on temperature, humidity, air pressure, CO2 and volatile organic compounds (VOC). Now with additional measurement of the noise level. Easy-to-install plug-in system with magnetic connection, integrated RGB LED traffic light and signal tone for visualising the room climate.

Technical specifications

Dimensions (L x W x H)	51 x 123 x 123 mm	Optimum mounting height	2,8 m
With motion detector	Yes	Montagehöhe max. True Presence Erfassung	4,00 m
Manufacturer's Warranty	5 years	HF-system	7,2 GHz
Settings via	Smartphone, Tablet, Connect Bluetooth Mesh, App, Bus	Detection	also through glass, wood and stud walls
With remote control	No	Detection angle	360 °
Version	DALI-2 Input Device - concealed	Angle of aperture	160 °
PU1, EAN	4007841081829	Capability of masking out individual segments	No
Type	Presence detector	Electronic scalability	Yes
Application, place	Indoors	Mechanical scalability	No
Application, room	open-plan office, hotel room, classroom, conference room / meeting room	Reach, radial	Ø 15 m (177 m ²)
Colour	white	Reach, tangential	Ø 15 m (177 m ²)
Includes corner wall mount	No	Reach, presence	Ø 15 m (177 m ²)
Installation site	ceiling	True Presence reach	Ø 9 m (64 m ²)
Installation	Concealed wiring	Transmitter power	< 10 mW

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IP-rating	IP20	Functions	Motions sensor, Light sensor
Ambient temperature	0 – 50 °C	Twilight setting	2 – 2000 lx
Material	Plastic	Basic light level function	No
Mains power supply	220 – 240 V / 50 – 60 Hz	Main light adjustable	No
Power consumption	1 W	Twilight setting TEACH	No
Steuerausgang, Dali	Addressable/slave	Interconnection	Yes
Technology, sensors	Light sensor, High frequency, Air humidity, Air pressure, Temperature, VOC, Noise level, CO2	Interconnection via	DALI bus, Bluetooth Mesh Connect
Mounting height	2 – 12 m	Max. Current consumption according to IEC 62386-101	2 mA
Mounting height max.	12,00 m		

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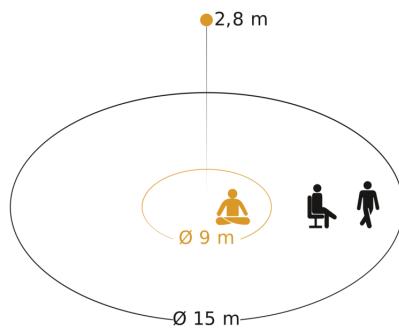
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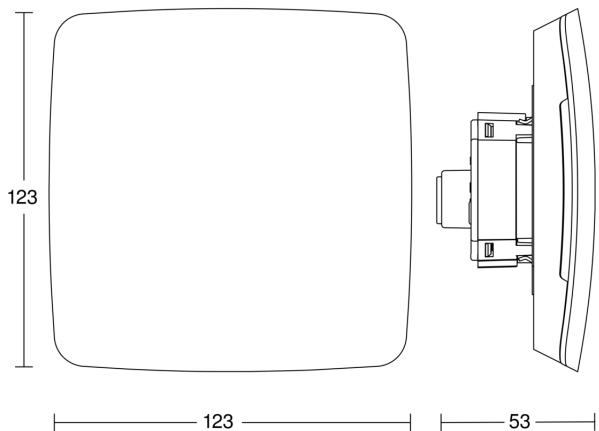
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Detection Zone



Dimension Drawing



Possible mounting height: 2,00 m - 12,00 m
Orange: True Presence
Black: movement and presence

Circuit diagram

