

# True Presence

DALI-2 APC - surface  
EAN 4007841 057954  
Article number 057954



high frequency  
sensor 360°



Movement Ø 15 m



Presence Ø 15 m



True Presence Ø 9  
m



brightness



2 - 12 m



2 - 2000 lux



20 sec - 60 min



Application  
Controller



IP54

## Function description

The world's first true presence detector! No unnecessary stay-ON times any more – no unnecessary electricity costs. Precision high-frequency measurement of the surrounding area provides 100 per-cent reliable detection. The True Presence detector reliably identifies whether persons are present or absent over an area of 64 m<sup>2</sup> – on the basis of the body's micro movements as well as human vital functions, such as breathing in and out, or shoulder movement. The new standard in building automation. Easy to control via app and Bluetooth.

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## Technical specifications

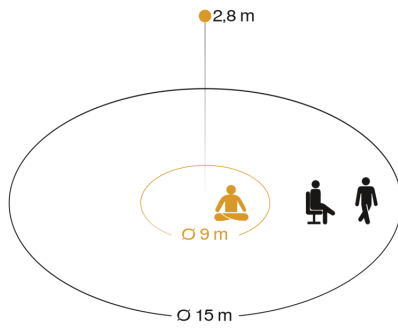
Type	Presence detector
Dimensions (L x W x H)	45 x 123 x 123 mm
Mains power supply	220 – 240 V / 50 – 60 Hz
Number of Dali users	64
Sensor Technology	High frequency
Application, place	Indoors
Installation site	ceiling
Installation	Surface wiring
Mounting height	2,00 – 12,00 m
Reach, radial	Ø 15 m (177 m <sup>2</sup> )
Reach, tangential	Ø 15 m (177 m <sup>2</sup> )
Reach, presence	Ø 15 m (177 m <sup>2</sup> )
True Presence reach	Ø 9 m (64 m <sup>2</sup> )
HF-system	7,2 GHz
Detection angle	360 °
Angle of aperture	160 °
Optimum mounting height	2,8 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Detection	also through glass, wood and stud walls
Twilight setting TEACH	Yes

Twilight setting	2 – 2000 lx
Time setting	20 s – 60 Min.
Control output, Dali	Addressable / broadcast 64 electronic ballasts
Constant-lighting control	Yes
Basic light level function	Yes
Basic light level function in per cent	3 – 90 %
Basic light level function time	1-60 min, all night
Functions	Selecting programmed lighting scenarios, Semi-/fully automatic, Constant-lighting control ON-OFF, Lighting scenario, Manual ON / ON-OFF, Neighbouring group function, Normal / test mode, TouchDIM function
Settings via	Bluetooth
With remote control	No
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
IP-rating	IP54
Material	Plastic
Ambient temperature	-20 – 50 °C
Application, room	classroom, lecture hall, one-person office, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, hotel room, care room, duty room, recreation room, dining hall / staff restaurant, changing room, kitchenette, sports hall, reception / lobby, WC / washroom, warehouse, Indoors
Colour	white
Colour, RAL	9003
IDs, certificates	DALI-2
Manufacturer's Warranty	5 years
Version	DALI-2 APC - surface
PU1, EAN	4007841057954
Technology, sensors	High frequency, Light sensor

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## Detection Zone



Mögliche Montagehöhe: 2,00 m – 12,00 m  
Orange: True Presence  
Schwarz: Bewegung und Präsenz

## Dimension Drawing

