Presence detector - Professional Line

Dual HF

DALI-2 APC - in-ceiling installation
EAN 4007841 079499
Article number 079499

high frequency sensor 360° | max. 20 x 3 m | IP20 | ideal 2,5 - 3,5 m | indoor sensor | IQ-mode | Teach mode | manufacturer's warranty steinel.de/garantie | CE

Function description

Twice as vigilant. High-frequency corridor sensor Presence Control PRO DUAL HF DALI-2 Application Controller for indoors, ideal for passageways and long corridors, installation height up to 3.5 m, with digital DALI-2 Application Controller interface for controlling 2 lighting channels, DUAL-HF technology for radial detection of 20 m in two directions, detection regardless of temperature, HF-sensor technology also detects movement through glass, wood and stud walls, switches light 'ON' almost instantly.

Technical specifications

Dimensions (L x W x H)	112 x 120 x 120 mm
Manufacturer's Warranty	5 years
Settings via	Remote control, DIP switches, Potentiometers, Smart Remote
With remote control	No
Version	DALI-2 APC - in-ceiling installation
PU1, EAN	4007841079499
Type	Presence detector
Application, place	Indoors
Application, room	corridor / aisle, Indoors
Colour	white
Colour, RAL	9010
Includes corner wall mount	No
Installation site	ceiling
Package content	1
Installation	In-ceiling installation, Ceiling
IP-rating	IP20

Mounting height max.	3,50 m
Optimum mounting height	2,8 m
HF-system	5,8 GHz
Detection	also through glass, wood and stud walls
Detection angle	Aisle, 360 °
Angle of aperture	140 °
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	20 x 3 m (60 m^2)
Reach, tangential	20 x 3 m (60 m^2)
Transmitter power	< 1 mW
Functions	Normal / test mode, Semi-/fully automatic, Pushbutton / switch

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Technical specifications

Ambient temperature	from -25 up to 55 °C
Material	Plastic
Mains power supply	230 V / 50 – 60 Hz
Control output, Dali	Broadcast 2x12 electronic ballasts
With bus coupling	Yes
Technology, sensors	High frequency, Mixed light metering
Voltage range (min)	230 V
Voltage range (max)	230 V
Mounting height	2,50 – 3,50 m
	mode, Manual ON / ON-OFF, Constant-lighting control ON-OFF
Twilight setting	10 – 1000 lx
Time setting	30 s – 30 Min.
Basic light level function	Yes
Basic light level function time	1-60 min, all night
Main light adjustable	50 - 100 %
Twilight setting TEACH	Yes
Constant-lighting control	Yes
Interconnection	Yes
Type of interconnection	Master/slave
Interconnection via	Cable
Product category	Presence detector

Accessories

EAN 4007841 592806	User remote control RC5
EAN 4007841 003036	Control PRO guard cage
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8

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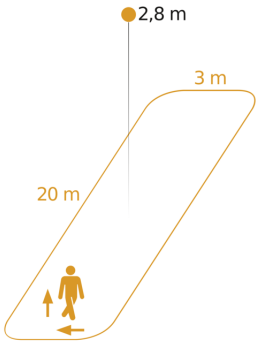
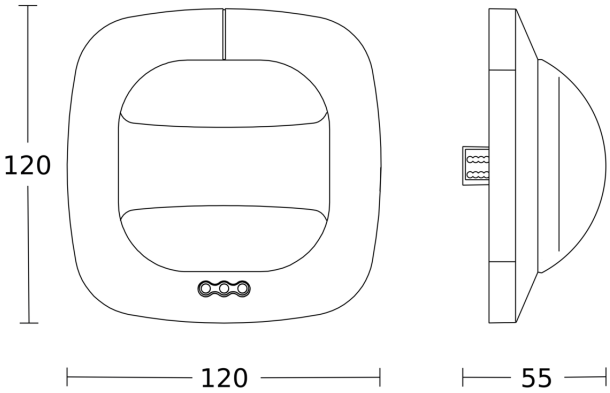
Detection Zone

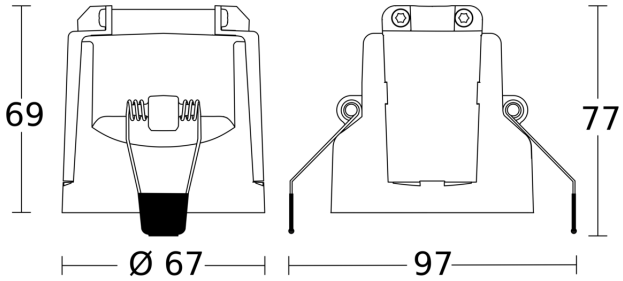


Possible mounting height: 2,50 m – 3,50 m
Orange: radial and tangential

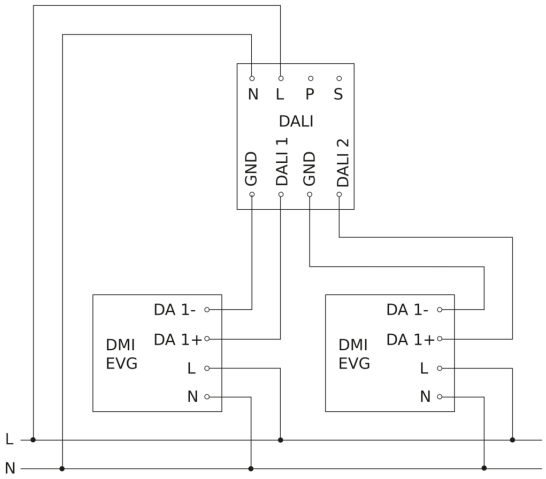
Dimension Drawing 1



Dimension Drawing 2



Master circuit diagram



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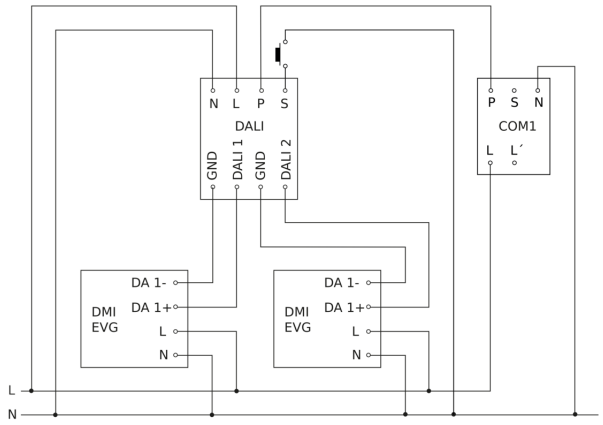
Master/slave interconnection circuit diagram