Presence detector - Professional Line

Dual HF

V3 KNX - Concealed wiring
EAN 4007841 059477
Article number 059477

high frequency sensor 360° | max. 20 x 3 m | KNX 4 channel | 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 KNX for indoors, ideal for passageways and long corridors, installation height up to 3.5 m, with digital BUS interface for controlling 4 lighting channels and HVAC, DUAL-HF technology that senses movement in two directions for radial detection up to 20 m, detection regardless of temperature, HF-sensor technology also senses movement through glass, wood and stud walls, switches light 'ON' almost instantly.

Technical specifications

Dimensions (L x W x H)	73 x 120 x 120 mm
Manufacturer's Warranty	5 years
Settings via	ETS software, Remote control, Bus, Smart Remote
With remote control	No
Version	KNX - Concealed wiring
PU1, EAN	4007841059477
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	Concealed wiring, Ceiling
Ambient temperature	from -25 up to 55 °C

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
Twilight setting	10 – 1000 lx
Time setting	10 s – 1092 Min.
Basic light level function	Yes
Main light adjustable	0 - 100 %

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Technical specifications

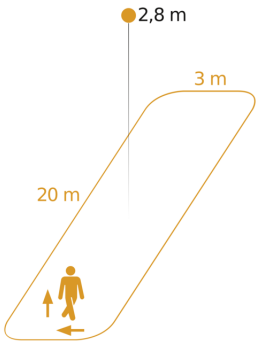
Material	Plastic
Mains power supply	230 V / 50 – 60 Hz
Power supply, detail	KNX bus
With bus coupling	Yes
Technology, sensors	High frequency, Mixed light metering
Voltage range (min)	230 V
Voltage range (max)	230 V
Mounting height	2,50 – 3,5 m
Mounting height max.	3,50 m
Optimum mounting height	2,8 m

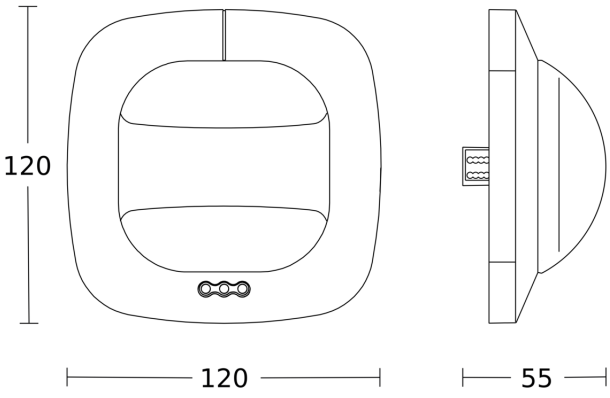
Twilight setting TEACH	Yes
Constant-lighting control	No
KNX functions	Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 4x, Presence output, Day / night function, Logic gate
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	KNX bus
Rated current	30 mA
KNX Medium	TP 256
KNX Secure	No
Product category	Presence detector

Accessories

EAN 4007841 593018	Service remote control RC6 KNX
EAN 4007841 003036	Control PRO guard cage
EAN 4007841 006600	HF-ceiling adapter
EAN 4007841 592912	User remote control RC7 KNX
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 000363	Surface-mounted adapter Control Pro IP54 white

Detection Zone



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

Dimension Drawing