HF 180

V3 KNX - white
EAN 4007841 059460
Article number 059460

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high-frequency sensor 180°	KNX	IP20	2 - 1000 lux	30 sec - 30 min	indoor sensor	energy saving	5 years manufacturer's warranty steinel-professional.de/ garantie		CE	VDE

Function description

Reliably detects through partition walls. HF 180 presence switch. The high-frequency sensor system quickly detects any movement regardless of temperature – even through partition walls, e.g. offices, entrance rooms or toilet facilities. 180° angle of coverage, up to 8 m reach. Intelligent technology, high-calibre design, easy 3-wire installation.

Technical specifications

Dimensions (L x W x H)	50 x 80 x 80 mm		HF-system	5,8 GHz
With motion detector	Yes		Detection	also through glass, wood and stud walls
Manufacturer's Warranty	5 years		Detection angle	180 °
Settings via	ETS software, Remote control, Bus, Smart Remote		Angle of aperture	140 °
With remote control	Yes		Sneak-by guard	Yes
Version	KNX - white		Capability of masking out individual segments	No
PU1, EAN	4007841059460		Electronic scalability	Yes
Type	Presence detector		Mechanical scalability	No
Application, place	Indoors		Reach, radial	r = 8 m (101 m²)
Application, room	one-person office, corridor / aisle, function room / ancillary room, kitchenette, stairwell, WC / washroom, Indoors		Reach, tangential	r = 8 m (101 m²)
			Transmitter power	< 1 mW
			Functions	Presence detector logic
Colour	white		Twilight setting	2 – 1000 lx
Colour, RAL	9010		Time setting	60 s – 255 Min.
Includes corner wall mount	No		Basic light level function	Yes
Installation site	wall			

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Technical specifications

Installation	Concealed wiring, Wall
IP-rating	IP20
Protection class	II
Ambient temperature	from 0 up to 40 °C
Material	Plastic
Power supply, detail	KNX bus
With bus coupling	Yes
Technology, sensors	High frequency, Light sensor, Temperature, Air humidity
Mounting height	1,20 – 2,20 m
Mounting height max.	2,20 m
Optimum mounting height	1,2 m

Basic light level function time	Permanently ON, 1-255 min, all night
Main light adjustable	0 - 100 %
Twilight setting TEACH	Yes
Constant-lighting control	Yes
KNX functions	Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 2x, Presence output, Day / night function, Logic gate
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	KNX bus
Rated current	12,5 mA
Product category	Presence Switch

Accessories

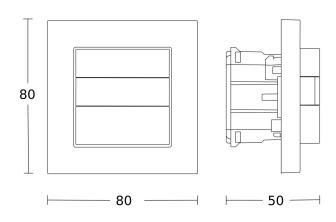|	
EAN 4007841 034160	Adapter frame for IR/HF 180
EAN 4007841 034184	Adapter frame for IR/HF 180
EAN 4007841 034139	Adapter frame for IR/HF 180
EAN 4007841 593018	Service remote control RC6 KNX
EAN 4007841 592912	User remote control RC7 KNX

Detection Zone

1,2 m

8 m

Possible mounting height: 1,20 m – 2,20 m
Orange: tangential

Dimension Drawing

80

80

50