

HF 180

COM2 - white

EAN 4007841 032913



high-frequency
sensor 180°



max. 8 m

2000w

max. 2000 W



IP20



2 - 1000 lux



30 sec - 30 min



indoor sensor



energy saving



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CE

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

Type	Presence detector
Dimensions (L x W x H)	21 x 80 x 80 mm
Mains power supply	220 – 240 V / 50 – 60 Hz
Sensor Technology	High frequency
Application, place	Indoors
Application, place, room	one-person office, corridor / aisle, function room / ancillary room, kitchenette, stairwell, WC / washroom, Indoors
Installation site	wall
Installation	Concealed wiring
HF-system	5,8 GHz
Electronic scalability	Yes
Mechanical scalability	No
Mounting height	1,20 – 2,20 m
Optimum mounting height	1,2 m
Detection	also through glass, wood and stud walls
Detection angle	180 °
Angle of aperture	140 °
Sneak-by guard	Yes
Reach, radial	r = 8 m (101 m ²)
Reach, tangential	r = 8 m (101 m ²)

Twilight setting TEACH	Yes
Twilight setting	2 – 1000 lx
Time setting	30 s – 30 Min.
Switching output 1, resistive	2000 W
Switching output 1, number of LEDs / fluorescent lamps	8 pcs.
Constant-lighting control	No
Basic light level function	No
Functions	Normal / test mode, Semi-/fully automatic, Pushbutton / switch mode, Manual ON / ON-OFF
Settings via	Remote control, DIP switches, Potentiometers, Smart Remote
With remote control	No
Interconnection	Yes
IP-rating	IP20
Material	Plastic
Ambient temperature	0 – 40 °C
Colour	white
Colour, RAL	9010
Manufacturer's Warranty	5 years
Version	COM2 - white
PU1, EAN	4007841032913

HF 180

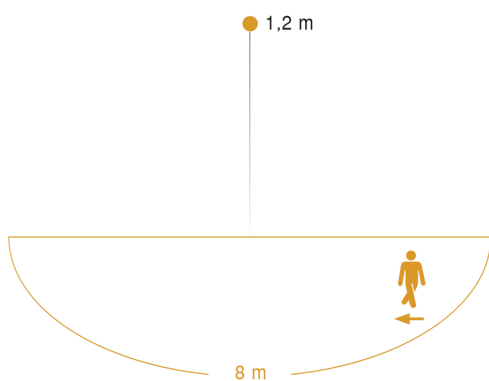
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Accessories

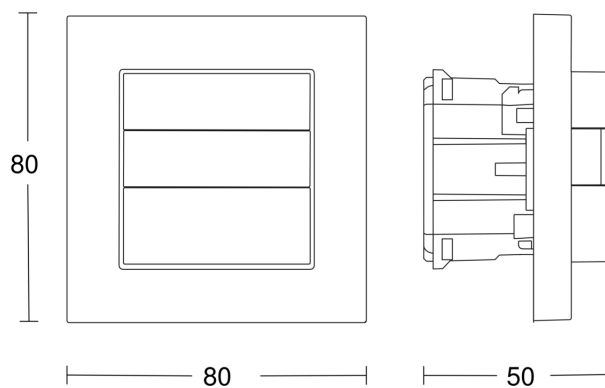
EAN 4007841 034160	Adapter surround for IR/HF 180
EAN 4007841 034184	Adapter surround for IR/HF 180
EAN 4007841 034139	Adapter surround for IR/HF 180
EAN 4007841 559410	Service remote control RC8

Detection Zone

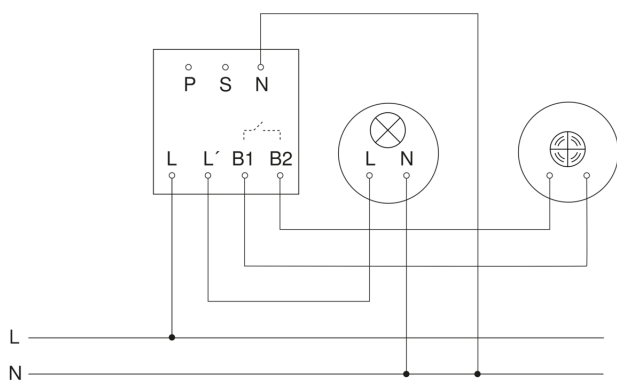


Mögliche Montagehöhe: 1,20 m – 2,20 m
Orange: tangential

Dimension Drawing



Master circuit diagram



Master/slave interconnection circuit diagram

