Presence Switch

HF 180

Dali - silver
EAN 4007841 032920

STEINEL®
PROFESSIONAL

| high-frequency sensor 180° | max. 8 m | max. 2000 W | IP20 | 2 - 1000 lux | 30 sec - 30 min | indoor sensor | energy saving | manufacturer's warranty steinel-professional.de/garantie | VDE |

2000w

5 JAHRE HERSTELLER GARANTIE
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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.

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Technical specifications

Type	Presence detector	Twilight setting	10 – 1000 lx
Dimensions (L x W x H)	80 x 80 x 21 mm	Time setting	30 s – 30 Min.
Mains power supply	230 V / 50 – 60 Hz	Control output, Dali	Broadcast 2x12 electronic ballasts
Power supply, detail	DALI bus	Constant-lighting control	Yes
Sensor Technology	High frequency	Basic light level function	Yes
Application, place	Indoors	Basic light level function in per cent	10 – 50 %
Application, place, room	one-person office, corridor / aisle, function room / ancillary room, kitchenette, stairwell, WC / washroom, indoors	Basic light level function time	1-30 min, all night
		Basic light level function percentage, from	10 %
Installation site	wall	Basic light level function percentage, up to	50 %
Type of installation	Concealed wiring	With remote control	No
HF-system	5,8 GHz	Interconnection	Yes
Electronic scalability	Yes	IP rating	IP20
Mechanical scalability	No	Material	Plastic
Mounting height	1,20 – 2,20 m	Ambient temperature	0 – 40 °C
Optimum mounting height	1,2 m	Colour	Silver
Detection	also through glass, wood and stud walls	Colour, RAL	9006
		Manufacturer's Warranty	5 years
Detection angle	180 °	Version	Dali - silver
Angle of aperture	140 °	PU1, EAN	4007841032920
Sneak-by guard	Yes		
Reach, radial	r = 8 m (101 m²)		
Twilight setting TEACH	Yes		

Accessories

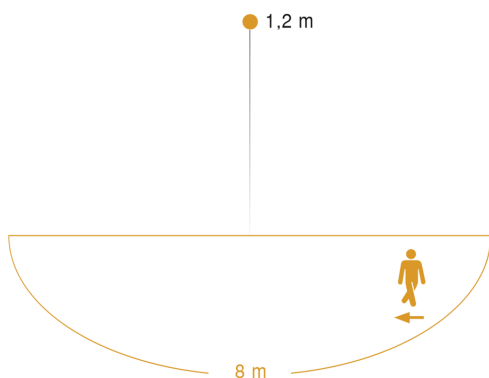|	
EAN 4007841 034146	Adapter surround for IR/HF 180
EAN 4007841 034177	Adapter surround for IR/HF 180
EAN 4007841 034153	Adapter surround for IR/HF 180
EAN 4007841 592806	User remote control RC5
EAN 4007841 559410	Service remote control RC8

Detection Zone

● 1,2 m

8 m

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

Dimension Drawing

80

80

50

Master circuit diagram

N L P S

DALI

DALI 2

DMI
EVG   DA 1-
           DA 1+
           L
           N

DMI
EVG   DA 1-
           DA 1+
           L
           N

L
N
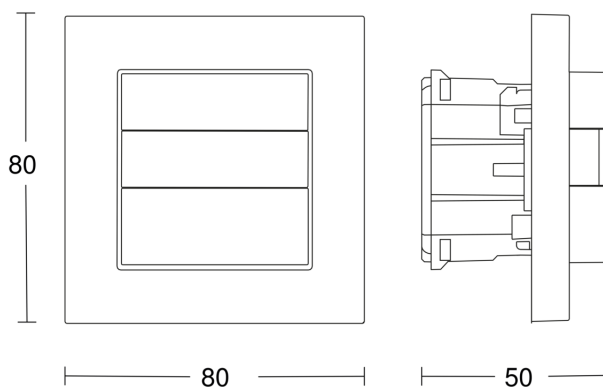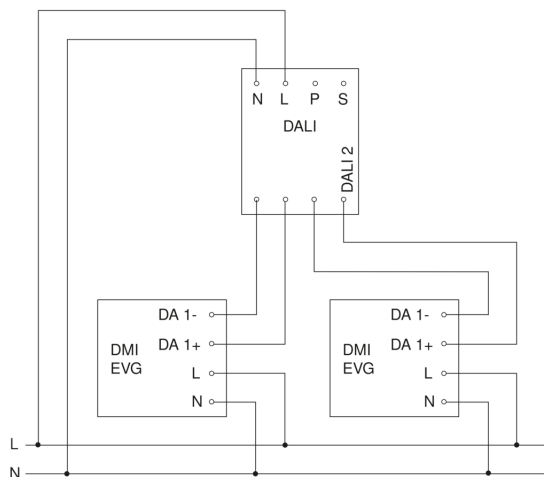
Master/slave interconnection circuit diagram

N L P S

DALI

GND DALI 1 GND DALI 2

P S N

COM1

L L´

DMI
EVG   DA 1-
           DA 1+
           L
           N

DMI
EVG   DA 1-
           DA 1+
           L
           N

L
N