HF 180 COM1 - white

PRESENCE SWITCH

EAN 4007841032883
E-Nr. 535941760

steinel

30 x 80 x 80 mm



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Technical Data

IDENTIFICATION

Version	**Presence detector**

DIMENSIONS

Dimensions L × W × H	**30 x 80 x 80 mm**

ELECTRICAL

Mains connection	**220 – 240 V / 50 – 60 Hz**
Power	**2000 W**
Switching output 1 resistive	**2000 W**
Fluorescent lamps ECG	**1000 W**
Fluorescent lamps uncompensated	**1000 VA**
Fluorescent lamps series-compensated	**400 VA**
Fluorescent lamps parallel-compensated	**500 VA**
Switching output 1 low-voltage halogen lamps	**2000 VA**
LED lamps < 2 W	**100 W**
LED lamps > 2 W < 8 W	**300 W**
LED lamps > 8 W	**600 W**
Capacitive load in µF	**176 µF**
Switching output 1 number of LED/fluorescent lamps	**8 pcs.**

SENSOR TECHNOLOGY

Max. mounting height	**2,20 m**
Sensor technology	**High frequency**
Transmission power	**< 1 mW**
HF technology	**5,8 GHz**
Detection	**also through glass, wood and stud walls**
Detection angle	**180 °**
Opening angle	**140 °**
Sneak-under protection	**Yes**
Segment-by-segment masking	**No**
Electronic scalability	**Yes**
Mechanical scalability	**No**
Radial range	**r = 8 m (101 m²)**
Tangential range	**r = 8 m (101 m²)**
Switching zones	**96 switching zones**
Mounting height	**1,20 – 2,20 m**
Optimal mounting height	**1,2 m**

CONNECTIVITY

Networking	**Yes**
Type of networking	**Master/master Master/slave**

LIGHTING TECHNOLOGY

Soft light start	**No**
Continuous light	**selectable**
Constant light regulation	**No**

SETTINGS

Twilight switch	**Yes**
Twilight setting	**2 – 1000 lx**
Time setting	**30 s – 30 Min.**
Base light function	**No**
Main light adjustable	**No**
Functions	**Normal / test mode Semi-/fully automatic Switch active / switch inactive Manual ON / ON-OFF**
Settings via	**Remote control DIP switches Potentiometers Smart Remote**
With remote control	**No**
Twilight setting teach	**Yes**

HOUSING & MATERIAL

Protection class (IP)	**IP20**
Ambient temperature	**from 0 up to 40 °C**
Mounting location	**wall**
Application location	**Indoors**
Mounting type	**Concealed wiring**
Material	**Plastic**
Application room	**Indoors WC / washroom corridor / aisle function room / ancillary room kitchenette one-person office stairwell**
Colour	**white**
RAL colour	**9010**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**
Corner wall bracket included	**No**

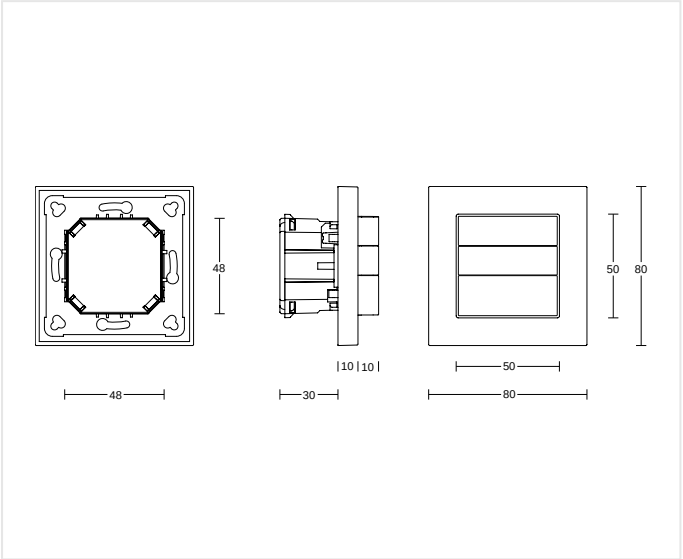
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Illustrations

TECHNICAL DRAWINGS



30 x 80 x 80 mm

MOUNTING HEIGHT

1,20 – 2,20 m	1,2 m	2,20 m
BEREICH	OPTIMAL	MAX

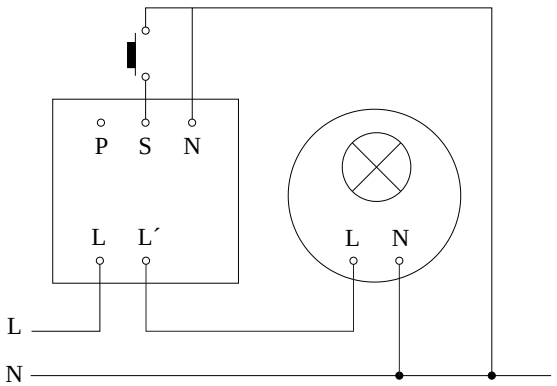
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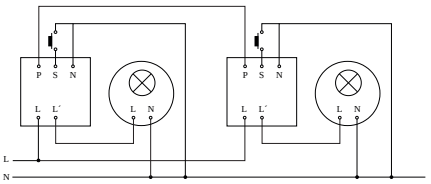
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



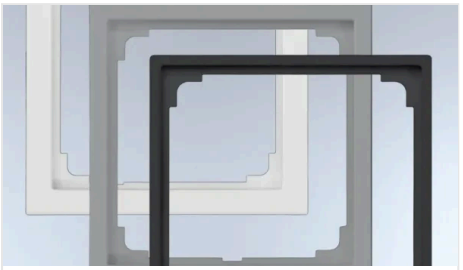
Master/master interconnection circuit diagram

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Highlights



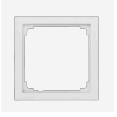
Optional adapters made of UV-resistant plastic

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	4007841034160	**Adapterrahmen für IR/HF 180 Feller - weiss**	Accessory
	4007841034184	**Adapterrahmen für IR/HF 180 Jung - weiss**	Accessory
	4007841034139	**Adapterrahmen für IR/HF 180 Busch-Jaeger - weiss**	Accessory
	4007841559410	**Service Fernbedienung RC8**	Accessory
	4007841009151	**Smart Remote**	Accessory

ORDERING INFORMATION

Art.-Nr.	032883
EAN	4007841032883
E-Number	535941760
Typ	**HF 180 COM1 - white**

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