

HF 180 COM1 - white

PRESENCE SWITCH

neva
lux

EAN 4007841032883

E-Nr. 535941760

● steinel

30 x 80 x 80 mm



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Technical Data

IDENTIFICATION

Version	Presence detector
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DIMENSIONS

Dimensions L x W x H	30 x 80 x 80 mm
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ELECTRICAL

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

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

Networking	Yes
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Type of networking	Master/master Master/slave
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Networking via	Cable
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LIGHTING TECHNOLOGY

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

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

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

Manufacturer warranty	5 years
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Corner wall bracket included	No
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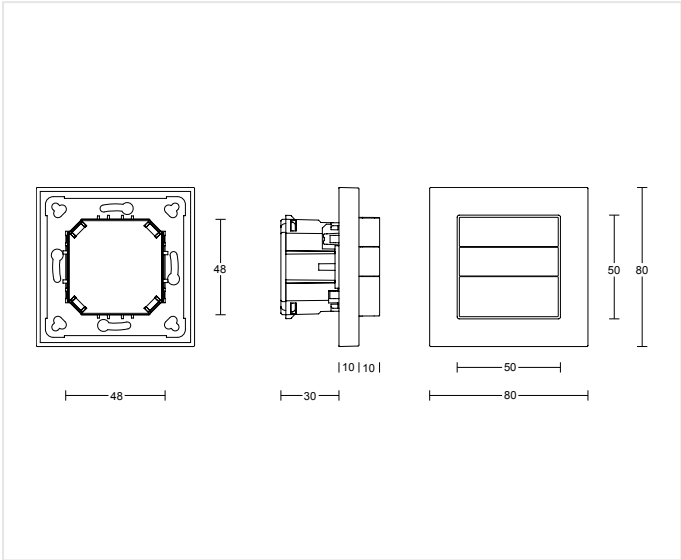
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Illustrations

TECHNICAL DRAWINGS



30 x 80 x 80 mm

MOUNTING HEIGHT

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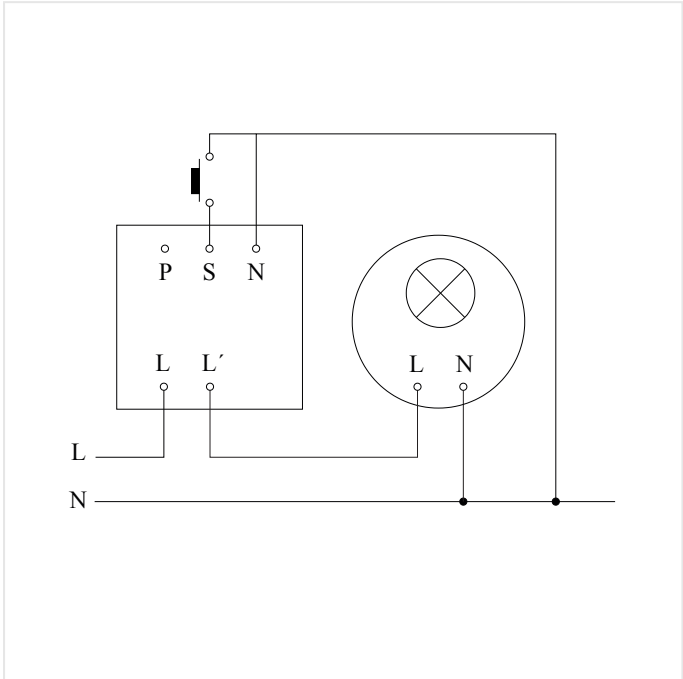
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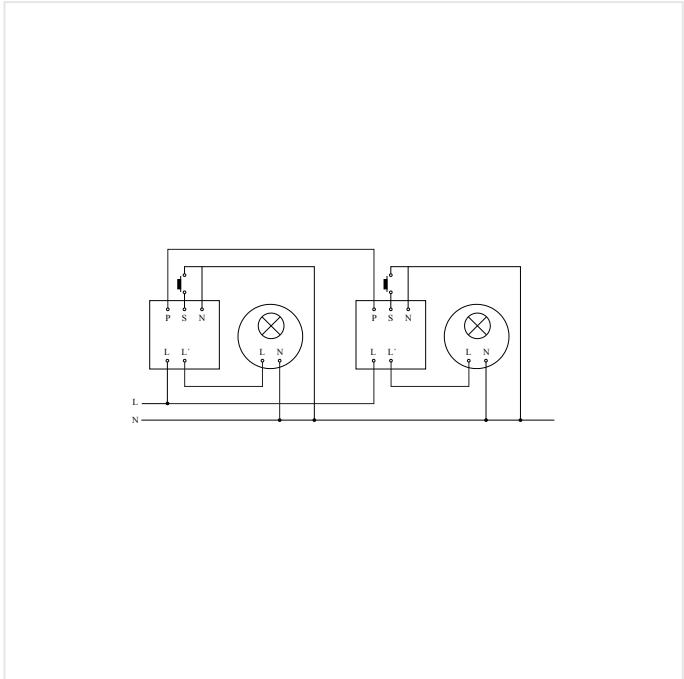
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



Master/master interconnection circuit diagram

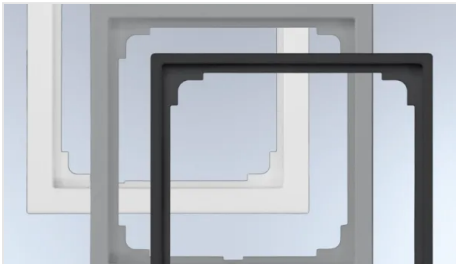
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Highlights



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

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