

IR 180 COM1 - white

PRESENCE SWITCH

neva
lux

EAN 4007841029944

30 x 80 x 80 mm



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Technical Data

IDENTIFICATION				SETTINGS	
PU1 EAN	4007841029944	Capacitive load in µF	176 µF	Twilight switch	Yes
Material number	110044587	Switching output 1 number of LED/fluorescent lamps	8	Twilight setting	2 – 1000 lx
SAP designation	SENSORSCHALTER IR 180 COM1 WS	Maximum inrush current	10 A	Time setting	30 s – 30 Min.
		SENSOR TECHNOLOGY			
Version	Presence detector	Max. mounting height	1,20 m	Base light function	No
Product name data sheet	IR 180 COM1 - white	Sensor technology	passive infrared	Main light adjustable	No
Product category	Presence Switch	With motion detector	Yes	Functions	Normal / test mode Semi-/fully automatic Switch active / switch inactive Manual ON / ON-OFF
Discount group	B	Detection angle	180 °	Settings via	Remote control DIP switches Potentiometers Smart Remote
Source	Steinel Excel	Opening angle	90 °	With remote control	No
Product status	Normal	Sneak-under protection	Yes	Twilight setting teach	Yes
Manufacturer	Steinel	Segment-by-segment masking	No	HOUSING & MATERIAL	
DIMENSIONS		Electronic scalability	Yes	Protection class (IP)	IP20
Dimensions L x W x H	30 x 80 x 80 mm	Mechanical scalability	No	Ambient temperature	from 0 up to 40 °C
PU1 net weight	0.119	Radial range	r = 4 m (25 m²)	Mounting location	wall
ELECTRICAL		Tangential range	r = 12 m (226 m²)	Application location	Indoors
Mains connection	220 – 240 V / 50 – 60 Hz	Switching zones	96 switching zones	Mounting type	Concealed wiring
Power	2000 W	Mounting height	1,10 – 1,20 m	Material	Plastic
Switching output 1 resistive	2000 W	Presence range	r = 4 m (25 m²)	Application room	one-person office corridor / aisle function room / ancillary room kitchenette stairwell WC / washroom Indoors
Fluorescent lamps ECG	1000 W	Optimal mounting height	1,2 m	Colour	white
Fluorescent lamps uncompensated	1000 VA	Nevalux sensor technology	On / Off	RAL colour	9010
Fluorescent lamps series-compensated	400 VA	CONNECTIVITY		SCOPE OF DELIVERY & WARRANTY	
Fluorescent lamps parallel-compensated	500 VA	Networking	Yes	Manufacturer warranty	5 years
Switching output 1 low-voltage halogen lamps	2000 VA	Type of networking	Master/master Master/slave	Corner wall bracket included	No
LED lamps < 2 W	100 W	Networking via	Cable		
LED lamps > 2 W < 8 W	300 W	LIGHTING TECHNOLOGY			
LED lamps > 8 W	600 W	Soft light start	No		
		Continuous light	selectable		
		Constant light regulation	No		

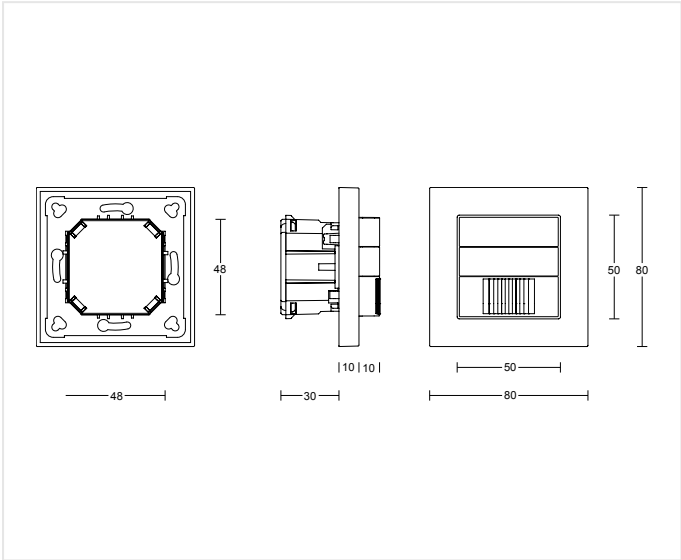
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Illustrations

TECHNICAL DRAWINGS



30 x 80 x 80 mm

MOUNTING HEIGHT

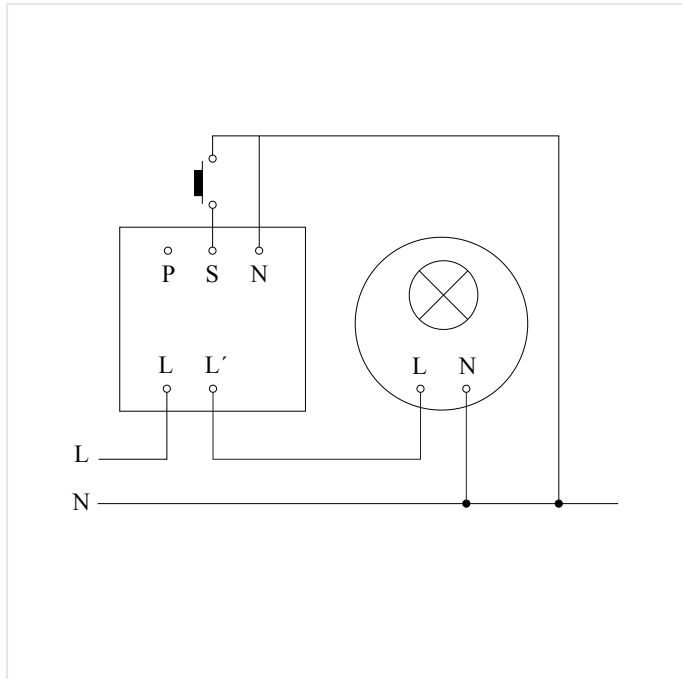
1,10 – 1,20 m BEREICH	1,2 m OPTIMAL	1,20 m MAX
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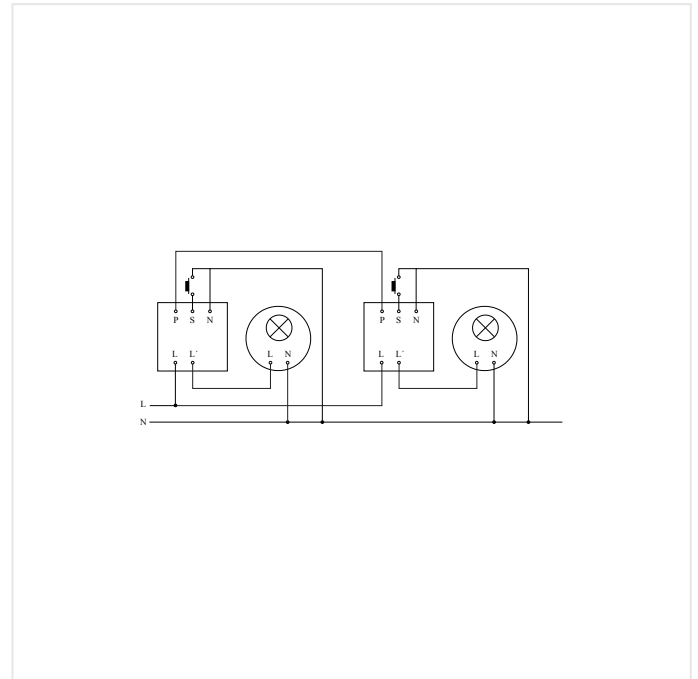
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Wiring Diagrams

WIRING DIAGRAM 1

Master circuit diagram

WIRING DIAGRAM 2

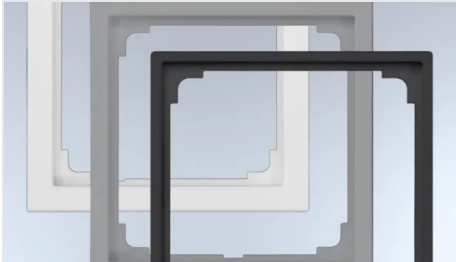
Master/master interconnection circuit diagram

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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.

029944

EAN

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Typ

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