

Dual HF COM1 - Surface wiring

PRESENCE DETECTOR

neva
lux

EAN 4007841590703

70 x 120 x 120 mm



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Technical Data

IDENTIFICATION		
PU1 EAN	4007841590703	
Material number	110011872	
SAP designation	PRAESENZMELDER DUAL HF COM1 AP	
Version	Presence detector	
Product name data sheet	Dual HF COM1 - Surface wiring	
Product category	Presence detector	
Discount group	P	
Source	Steinel Excel	
Product status	Normal	
Manufacturer	Steinel	
DIMENSIONS		
Dimensions L x W x H	70 x 120 x 120 mm	
PU1 net weight	0.262	
ELECTRICAL		
Mains connection	230 V / 50 – 60 Hz	
Power	2000 W	
Fluorescent lamps ECG	1500 W	
Fluorescent lamps uncompensated	1000 VA	
Fluorescent lamps series-compensated	1000 VA	
Fluorescent lamps parallel-compensated	1000 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
Maximum inrush current	800 A
SENSOR TECHNOLOGY	
Max. mounting height	3,50 m
Sensor technology	High frequency
Transmission power	< 1 mW
HF technology	5,8 GHz
Detection	also through glass, wood and stud walls
Detection angle	360 °
Opening angle	140 °
Sneak-under protection	Yes
Segment-by-segment masking	No
Electronic scalability	Yes
Mechanical scalability	No
Radial range	20 x 3 m (60 m²)
Tangential range	20 x 3 m (60 m²)
Mounting height	2,50 – 3,50 m
Optimal mounting height	2,8 m
Nevalux sensor technology	On / Off
CONNECTIVITY	
Networking	Yes
Type of networking	Master/master Master/slave
Networking via	Cable
LIGHTING TECHNOLOGY	
Soft light start	No
Continuous light	selectable

Constant light regulation		No
SETTINGS		
Twilight switch	Yes	
Twilight setting	10 – 1000 lx	
Time setting	30 s – 30 Min.	
Base light function	No	
Main light adjustable	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	
Twilight setting teach	Yes	
HOUSING & MATERIAL		
Protection class (IP)	IP20	
Ambient temperature	from -25 up to 55 °C	
Mounting location	ceiling	
Application location	Indoors	
Mounting type	Surface wiring	
Material	Plastic	
Application room	corridor / aisle Indoors	
Colour	white	
RAL colour	9010	
SCOPE OF DELIVERY & WARRANTY		
Manufacturer warranty	5 years	
Corner wall bracket included	No	

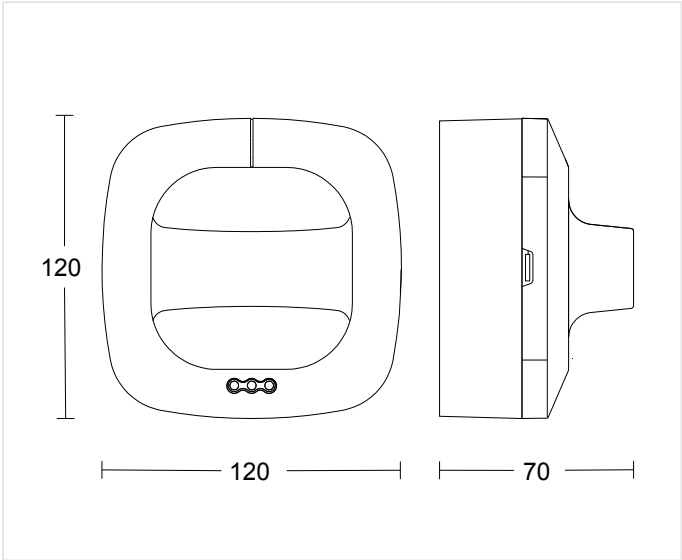
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Illustrations

TECHNICAL DRAWINGS



70 x 120 x 120 mm

MOUNTING HEIGHT

2,50 – 3,50 m BEREICH	2,8 m OPTIMAL	3,50 m MAX
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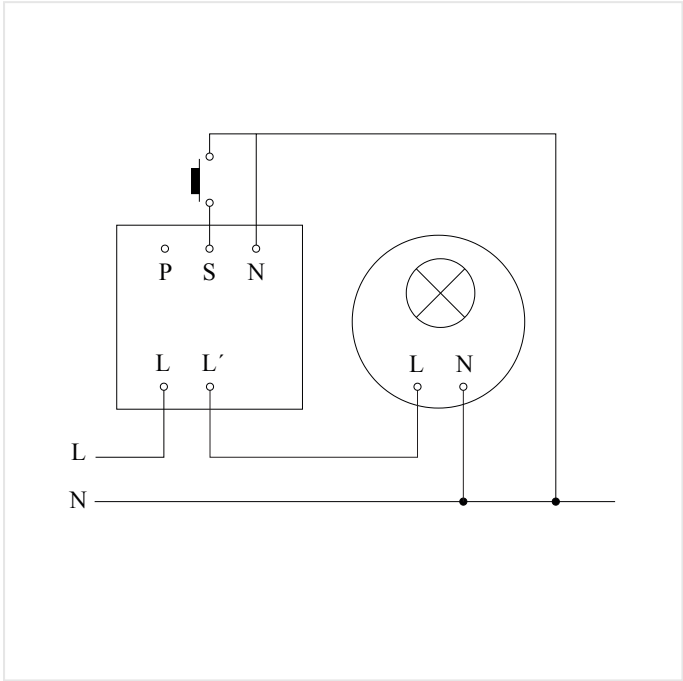
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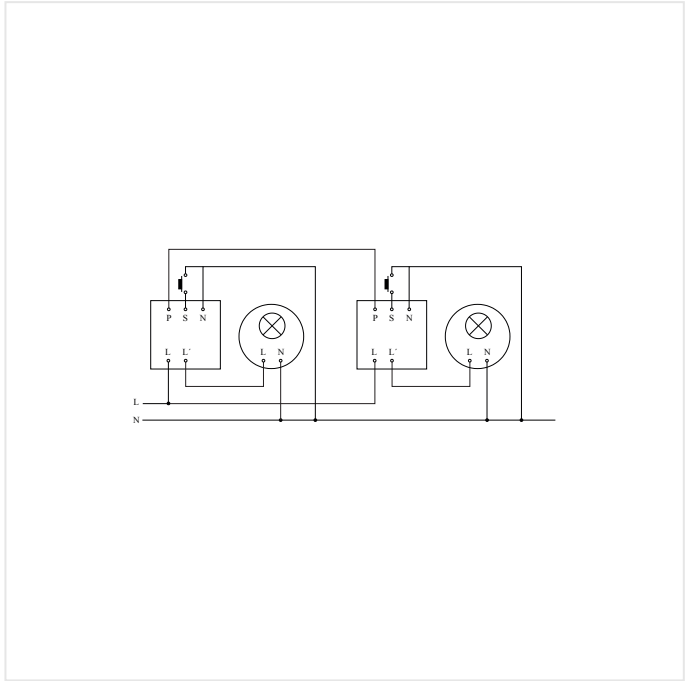
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



Master/master interconnection circuit diagram

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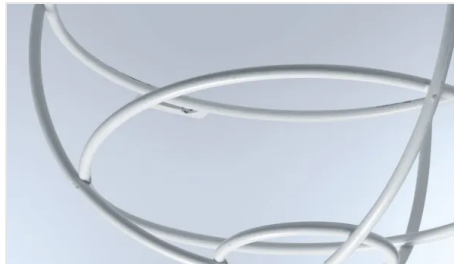
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Highlights



Optional remote controls



Optional guard cage

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841003036	Control PRO Schutzkorb	Accessory
 4007841000363	Aufputz-Adapter Control Pro IP54 weiss	Accessory
 4007841009151	Smart Remote	Accessory
 4007841559410	Service Fernbedienung RC8	Accessory

ORDERING INFORMATION

Art.-Nr.

590703

EAN

4007841590703

Typ

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