

Dual HF COM1 - Concealed wiring

PRESENCE DETECTOR

neva
lux

EAN 4007841002978

74 x 120 x 120 mm



Dual HF COM1 - Concealed wiring

PRESENCE DETECTOR

EAN 4007841002978

Technical Data

IDENTIFICATION		
PU1 EAN	4007841002978	
Material number	110011582	
SAP designation	PRAESENZMELDER DUAL HF COM1	
Version	Presence detector	
Product name data sheet	Dual HF COM1 - Concealed wiring	
Product category	Presence detector	
Discount group	P	
Source	Steinel Excel	
Product status	Normal	
Manufacturer	Steinel	
DIMENSIONS		
Dimensions L x W x H	74 x 120 x 120 mm	
PU1 net weight	0.2	
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	Concealed 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	

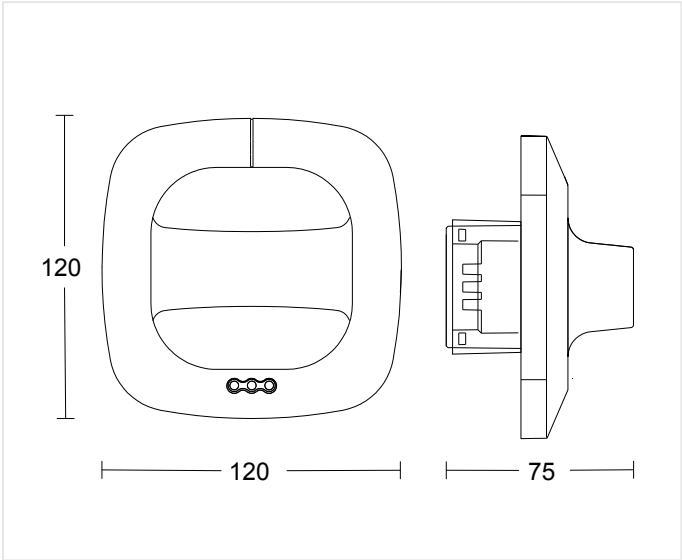
Dual HF COM1 - Concealed wiring

PRESENCE DETECTOR

EAN 4007841002978

Illustrations

TECHNICAL DRAWINGS



74 x 120 x 120 mm

MOUNTING HEIGHT

2,50 – 3,50 m BEREICH	2,8 m OPTIMAL	3,50 m MAX
--------------------------	------------------	---------------

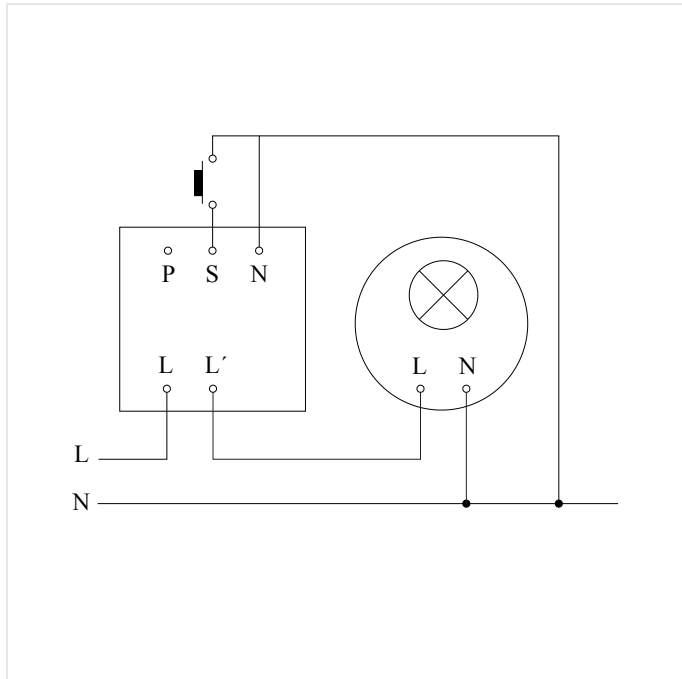
Dual HF COM1 - Concealed wiring

EAN 4007841002978

PRESENCE DETECTOR

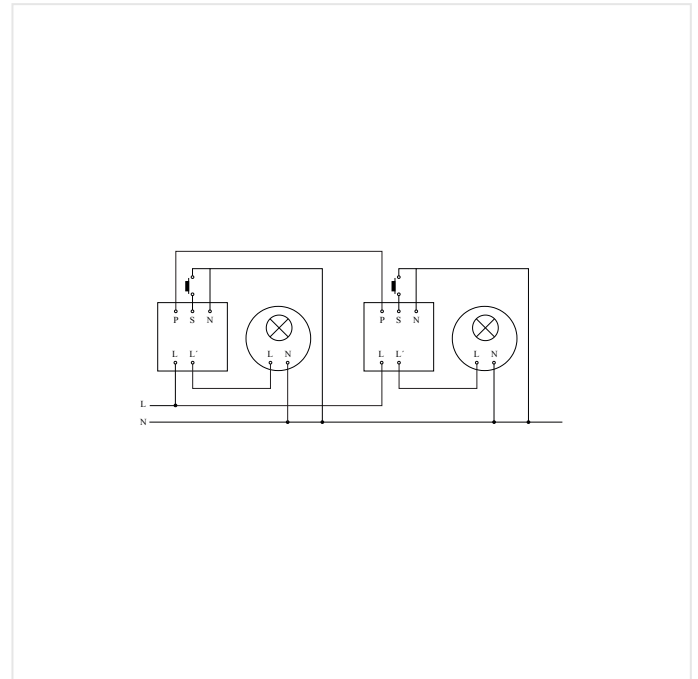
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



Master/master interconnection circuit diagram

Dual HF COM1 - Concealed wiring

EAN 4007841002978

PRESENCE DETECTOR

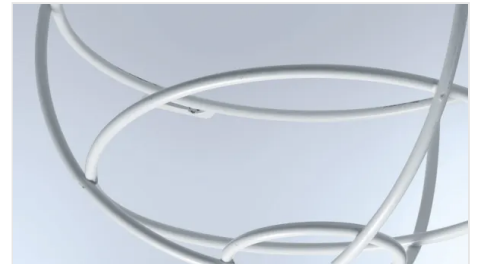
Highlights



Optional remote controls



Optional surface-mounting adapter



Optional guard cage



HF ceiling adapter for installation in
suspended ceilings

Dual HF COM1 - Concealed wiring

PRESENCE DETECTOR

EAN 4007841002978

Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841000363	Aufputz-Adapter Control Pro IP54 weiss	Accessory
 4007841003036	Control PRO Schutzkorb	Accessory
 4007841009151	Smart Remote	Accessory
 4007841006600	HF-Deckenadapter	Accessory
 4007841559410	Service Fernbedienung RC8	Accessory

ORDERING INFORMATION

Art.-Nr.

002978

EAN

4007841002978

Typ

Dual HF COM1 - Concealed wiring

nevalux

nevalux AG
Neugrütstrasse 2
8610 Uster
+41 44 508 78 78
info@nevalux.swiss