

DualTech COM1 - Concealed wiring

PRESENCE DETECTOR

neva
lux

EAN 4007841007997

E-Nr. 535931210

● steinel

66 x 120 x 120 mm



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Technical Data

IDENTIFICATION	
Version	Presence detector
DIMENSIONS	
Dimensions L x W x H	66 x 120 x 120 mm
ELECTRICAL	
Mains connection	220 – 240 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
SENSOR TECHNOLOGY	
Max. mounting height	3,50 m
Sensor technology	Ultrasonic
Detection angle	360 °
Opening angle	180 °
Sneak-under protection	Yes
Segment-by-segment masking	No
Electronic scalability	Yes
Mechanical scalability	No

Radial range	Ultrasonic: Ultraschall: Ø 10 m (Ultraschall: 79 m²)
Tangential range	Ultrasonic: Ultraschall: Ø 10 m (Ultraschall: 79 m²)
Switching zones	520 switching zones
Mounting height	2,50 – 3,50 m
Presence range	Ultrasonic: Ultraschall: Ø 6 m (Ultraschall: 28 m²)
Sensor technology 2	passive infrared
Radial range 2	passive infrared: Passiv Infrarot: Ø 4 m (Passiv Infrarot: 13 m²)
Tangential range 2	passive infrared: Passiv Infrarot: Ø 8 m (Passiv Infrarot: 50 m²)
Presence range 2	passive infrared: Passiv Infrarot: Ø 4 m (Passiv Infrarot: 13 m²)
US technology	40 kHz
Optimal mounting height	2,8 m
CONNECTIVITY	
Networking	Yes
Type of networking	Master/master Master/slave
Networking via	Cable
Networking quantity	max. 10 sensors
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	Indoors classroom conference room / meeting room duty room one-person office open-plan office recreation room
Colour	white
RAL colour	9010
SCOPE OF DELIVERY & WARRANTY	
Manufacturer warranty	5 years
Corner wall bracket included	No

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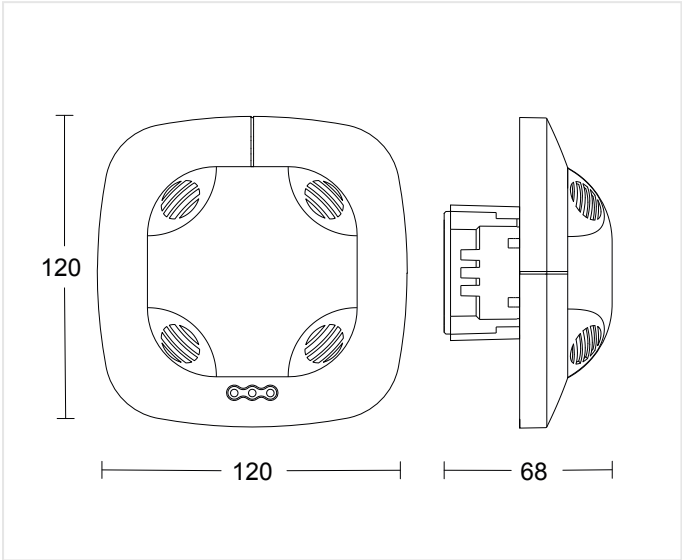
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Illustrations

TECHNICAL DRAWINGS



66 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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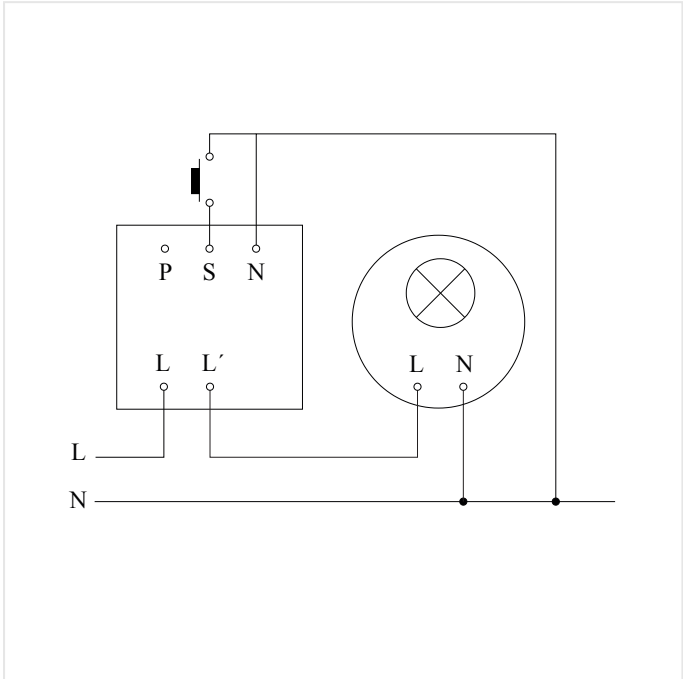
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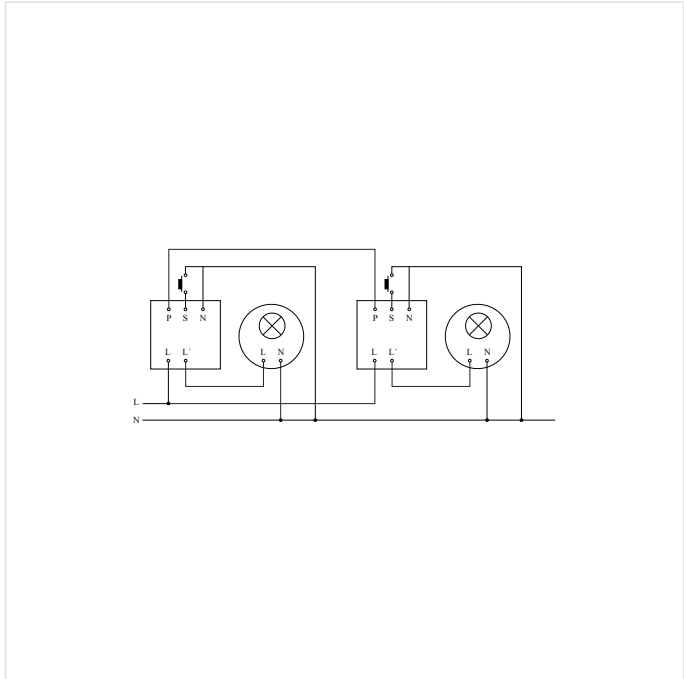
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



Master/master interconnection circuit diagram

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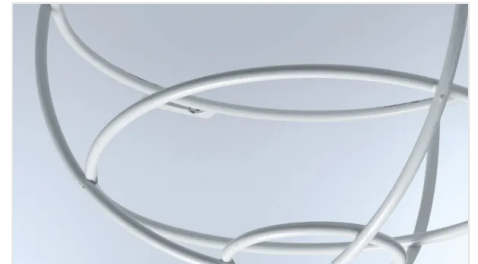
Highlights



Optional remote controls



Optional surface-mounting adapter



Optional guard cage

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841009151	Smart Remote	Accessory
 4007841559410	Service Fernbedienung RC8	Accessory

ORDERING INFORMATION

Art.-Nr.

007997

EAN

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E-Number

535931210

Typ

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