

HF 180 KNX - white

PRESENCE SWITCH

neva
lux

EAN 4007841059460

50 x 80 x 80 mm



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Technical Data

IDENTIFICATION	
PU1 EAN	4007841059460
Material number	110064184
SAP designation	SENSORSCHALTER HF 180 KNX V3.1 WS
Version	Presence detector
Product name data sheet	HF 180 KNX - white
Product category	Presence Switch
Discount group	BK
Source	Steinel Excel
Product status	Normal
Manufacturer	Steinel
DIMENSIONS	
Dimensions L x W x H	50 x 80 x 80 mm
PU1 net weight	0.084
ELECTRICAL	
Supply voltage detail	KNX bus
SENSOR TECHNOLOGY	
Max. mounting height	2,20 m
Sensor technology	High frequency
Transmission power	< 1 mW
HF technology	5,8 GHz
With motion detector	Yes
Detection	also through glass, wood and stud walls
Detection angle	180 °
Opening angle	140 °
Sneak-under protection	Yes

Segment-by-segment masking	No
Electronic scalability	Yes
Mechanical scalability	No
Radial range	r = 8 m (101 m²)
Tangential range	r = 8 m (101 m²)
Mounting height	1,20 – 2,20 m
Optimal mounting height	1,2 m
Nevalux sensor technology	KNX
CONNECTIVITY	
Networking	Yes
Type of networking	Master/master Master/slave
Networking via	KNX bus
KNX functions	Photo-cell controller Basic light level function Light level HVAC output Constant- lighting control Light output 4x Presence output Day / night function Logic gate
With bus coupler	Yes
LIGHTING TECHNOLOGY	
Soft light start	Yes
Continuous light	selectable
Constant light regulation	Yes
SETTINGS	
Twilight switch	Yes
Twilight setting	2 – 1000 lx
Time setting	60 s – 255 Min.
Base light function	Yes
Base light function time	Permanently ON 1-255 min all night

Main light adjustable	0 - 100 %
Functions	Presence detector logic
Settings via	ETS software Remote control Bus Smart Remote
With remote control	Yes
Twilight setting teach	Yes
Base light function in percent	10 – 50 %
Base light function percent from	10
Base light function percent to	50
HOUSING & MATERIAL	
Protection class (IP)	IP20
Protection class	II
Ambient temperature	from 0 up to 40 °C
Mounting location	wall
Application location	Indoors
Mounting type	Concealed wiring
Material	Plastic
Application room	one-person office corridor / aisle function room / ancillary room kitchenette stairwell WC / washroom Indoors
Colour	white
RAL colour	9010
SCOPE OF DELIVERY & WARRANTY	
Manufacturer warranty	5 years
Corner wall bracket included	No

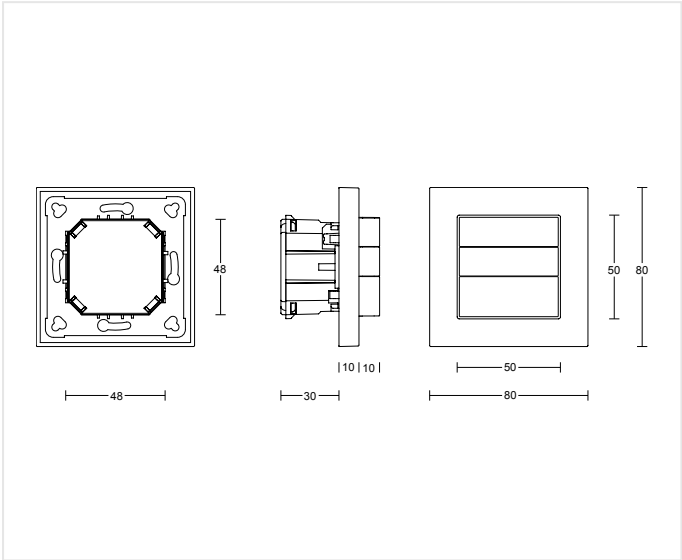
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Illustrations

TECHNICAL DRAWINGS



50 x 80 x 80 mm

MOUNTING HEIGHT

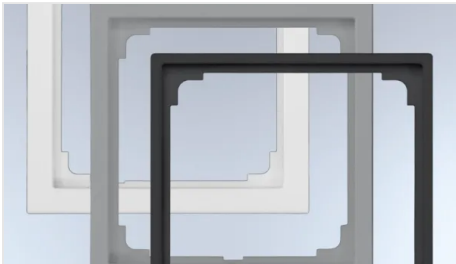
1,20 – 2,20 m BEREICH	1,2 m OPTIMAL	2,20 m MAX
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Highlights



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
 4007841593018	Service Fernbedienung RC6 KNX	Other
 4007841592912	Nutzer Fernbedienung RC7 KNX	Accessory

ORDERING INFORMATION

Art.-Nr.

059460

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Typ

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