IR 180 KNX - white

PRESENCE SWITCH

EAN 4007841032975
E-Nr. 535941668

- Optional adapters made of UV-resistant plastic

50 x 80 x 80 mm



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Technical Data

IDENTIFICATION

Variant	KNX - white
Version	Presence detector

DIMENSIONS

Dimensions L × W × H	50 x 80 x 80 mm

ELECTRICAL

Supply voltage detail	KNX bus
FIL_2_PRO interfaces	KNX

SENSOR TECHNOLOGY

Sensor technology	passive infrared
Detection angle	180 °
Opening angle	90 °
Sneak-under protection	Yes
Segment-by-segment masking	No
Electronic scalability	Yes
Mechanical scalability	No
Radial range	r = 4 m (25 m²)
Tangential range	r = 20 m (628 m²)
Mounting height	1,10 – 1,20 m
Presence range	r = 4 m (25 m²)
Optimal mounting height	1,2 m
FIL_4_PRO sensor technology	Passive infrared

CONNECTIVITY

Networking	Yes
Type of networking	Master/master, Master/slave
KNX functions	Light output 4x, Presence output, Light level, Constant-lighting control, Basic light level function, HVAC output, Integrated button, Temperature output, Humidity output
With bus coupler	No
Control technology	On/Off-Leuchte

LIGHTING TECHNOLOGY

Constant light regulation	Yes

SETTINGS

Twilight setting	2 – 1000 lx
Time setting	60 sec – 255 min
Base light function	Yes
Base light function time	Permanently ON, 1-255 min, all night
Settings via	ETS software, Remote control, Bus, Smart Remote
Twilight setting teach	Yes
Base light function in percent	10 %

HOUSING & MATERIAL

Protection class (IP)	IP20
Ambient temperature	0 – 40 °C
Mounting location	wall
Application location	Indoors
Mounting type	Concealed wiring
Material	Plastic
Colour	white
RAL colour	9010

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years

OTHER

Application, location, room	one-person office, corridor / aisle, function room / ancillary room, kitchenette, stairwell, WC / washroom, Indoors

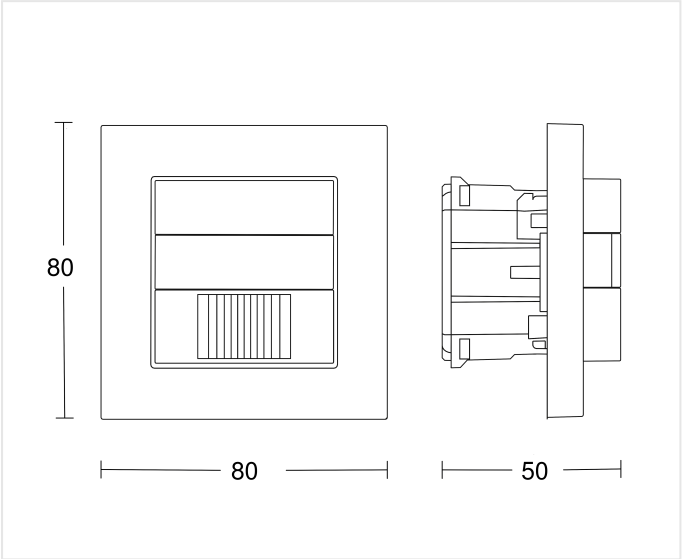
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Illustrations

TECHNICAL DRAWINGS



50 x 80 x 80 mm

MOUNTING HEIGHT

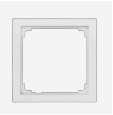
1,10 – 1,20 m	1,2 m
BEREICH	OPTIMAL

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	4007841034139	**Adapterrahmen für IR/HF 180 Busch-Jaeger - weiss**	Accessory
	4007841034160	**Adapterrahmen für IR/HF 180 Feller - weiss**	Accessory
	4007841034184	**Adapterrahmen für IR/HF 180 Jung - weiss**	Accessory
	4007841592912	**Nutzer Fernbedienung RC7 KNX**	Accessory
	4007841593018	**Service Fernbedienung RC6 KNX**	Accessory

ORDERING INFORMATION

Art.-Nr.	4007841032975
EAN	4007841032975
E-Number	535941668
Typ	**IR 180 KNX - white**

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