ABB

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PRODUCT-DETAILS

6131/20-24-500
KNX Presence Mini W

General Information

Extended Product Type	6131/20-24-500
Product ID	2CKA006132A0342
EAN	4011395185889
Catalog Description	KNX Presence Mini W
Long Description	Detection range (for mounting height 2.5 m, 3 m and 4 m): circular. Seated persons Ø: max. 5 m, max. 6.5 m and max. 9 m. Walking persons Ø: max. 6.5 m, max. 8 m and max. 10.5 m. Visible height 16 mm. With 2 channels. Targeted for connection and disconnection of lights bands depending on the room brightness. Regulation in response to the movement possible. Using the device as presence and/or movement detectors. Detectors application with 2 power off stages. Detectors application with integrated monitoring function. Constant light switch with up to two independent channels. Constant light switch with max. 2 outputs for brightness-dependent switching of two light bands in the area. With integrated KNX bus coupler. Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. Suitable for surface mounting installation. Cannot be installed in British Standard or VDE flushmounted box. Recommendation: Installation housing from Kaiser HaloX-O (Art.no. 1281-00) with corresponding cover plates (1281-xx for fair faced concrete) or IBTronic H120-68 from Spelsberg.

Installation

2025/08/19   Subject to change without notice

Instructions and Manuals	No document needed
Mounting Type	Built-in installation Surface Mounted
Mounting Position	Ceiling
Mounting Height	Optimum 2 ... 4 m
Modular Components Included	Complete Device

Environmental

Ambient Air Temperature	Operation -5 ... +40 °C
Degree of Protection	IP20

Technical

Data Sheet, Technical Information	2CKA006132D0202
Measuring Range	0 ... 5 m
Number of Channels	2
Compatible Bus Systems	KNX (TP)
Product Range	KNX
Transmission Standard	Twisted Pair Wiring
Minimum Switching Time	Switch-On 10 second [unit of time]
Sensor Detection Range	360 ° Frontal 6 m Lateral 8 m

Design

Surface Finishing	Untreated Matt
Material	Thermoplastic
RAL Number	Similar to RAL 9016
Color	studio white matt

Dimensions

Product Net Width	80 mm
Product Net Height	80 mm
Product Net Depth / Length	45 mm
Product Net Weight	73 g
Built-In Depth (t_2)	29 mm

Engineering

EPLAN Data	9AKK108464A1140
Building Information Modeling – BIM	2CKA110002E3646

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Ordering

E-Number (Finland)	2815467
E-Number (Norway)	4544270
E-Number (Sweden)	1738685

ABB EcoSolutions

EcoSolutions Profile	9AKK108470A2570

Circular Value

Circular Design Principles Lifetime	2CKA000073B5454
ABB Site Meeting Group Waste To Landfill Target	No non-hazardous waste is sent to a landfill
Sustainable Material Content in Packaging (wt. %)	FSC Recycled Paperboard - 90 %
Improved Energy Efficiency for Customers	Digital Efficiency - Product is digitally-supported to optimize usage and eventually optimize customer asset
Extended Product Lifetime	Product Upgradability
Offered with Takeback Services	Take Back for Recycling
Environmental Product Declaration - EPD	9AKK108468A1033

Material Compliance

RoHS Declaration	2CKA200000E4520
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration	2CKA309999E9999
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20250218
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Certificates and Declarations

Cyber Security Software Support Period	2 year
Declaration of Conformity - CE	2CKA100000E1053
EU Data Act Applicability and Compliance	Applicable - Compliant
EU Data Act Compliance Declaration	9AKK108470A9399

External Classifications and Standards

ETIM 9	EC001582 - Movement sensor for bus system

ETIM 10	EC001582 - Movement sensor for bus system
eClass	V11.0 : 27143144
UNSPSC	39121801

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CKA006899A2304	Protection Cover alpine white	6898	1	piece

Categories

Low Voltage Products and Systems → Building and Home Automation Solutions → KNX → Presence Detection → Presence Detectors