ABB

PRODUCT-DETAILS

6131/21-24-500

6131/21-24-500 KNX Presence Mini Pre W

General Information

Extended Product Type	6131/21-24-500
Product ID	2CKA006132A0344
EAN	4011395185902
Catalog Description	6131/21-24-500 KNX Presence Mini Pre 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 4 channels. For dimming/brightness of the rules to a defined value in a designated collection area. HVAC function for controlling heating and/or cooling systems and ventilation systems in the designated collection area. Detectors application with 2 power off stages. Detectors application with integrated monitoring function. Constant light controller with up to two independent channels. Constant light controller with max. 2 outputs for dimming daylight control/rules of two rooflights in the room. Integrated object room temperature controller. 10 freely programmable IR channels (blue and/or white) Incl. 5 logic channels (logic gates, gates, delay and staircase lighting) Evaluation via internal brightness sensor. Weighting of up to 2 external brightness values and the internal brightness sensor possible. The programming button can be activated with the IR transmitter 6010-25 (-500). 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. 1290-40) with corresponding cover plates (1290-47 or 1290-85 for fair faced concrete) or IBTronic H120-68 from Spelsberg.

Installation

　　　　　2024/04/12　　　　　　Subject to change without notice

Instructions and Manuals	No document needed
Mounting Type	Surface Mounted
	Flush Mounted
Mounting Position	Ceiling
Mounting Height	Optimum 2 ... 4 m

Circular Value

Circular Design Principles Lifetime	2CKA000073B5454
Group Waste to Landfill Target	No non-hazardous waste is sent to a landfill
Sustainable Material Content in Packaging	FSC Recycled Paperboard - 90 %
Improved Resource Efficiency for Customers	Digital Efficiency - Product is digitally-supported to optimize usage and eventually optimize customer asset
Offered with Extended Lifetime	Product Upgradability
Offered with Takeback Services	Take Back for Recycling

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1033

Technical

Data Sheet, Technical Information	2CKA006132D0202
Measuring Range	8 m
Number of Channels	4
Compatible Bus Systems	KNX (TP)
Product Range	KNX
Minimum Switching Time	Switch-On 10 second [unit of time]
Number of Batteries	0

Design

Surface Finishing	Untreated
	Matt
Material	Thermoplastic
RAL Number	RAL 9016 - Traffic White
Color	studio white matt

Material Compliance

RoHS Information	2CKA200000E4522
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration	2CKA309999E9999
REACH Information	True - contains substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -5 ... +45 °C
Degree of Protection	IP20

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

Certificates and Declarations

Declaration of Conformity - CE	2CKA100000E1055

Classifications

ETIM 9	EC001582 - Movement sensor for bus system
eClass	V11.0 : 27143144
UNSPSC	39121801
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

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