ABB

PRODUCT-DETAILS

6131/50-24-500

KNX Presence Cor. W

General Information

Extended Product Type	6131/50-24-500
Product ID	2CKA006132A0399
EAN	4011395216446
Catalog Description	KNX Presence Cor. W
Long Description	Detection range: rectangular. For mounting height of 3 m: frontal toward the detector at a max. of 20 m x 3 m (at a max. of 10 m x 3 m per side). Crosswise toward the detector at a max. of 30 m x 3 m (max. of 15 m x 3m per side). With integrated KNX bus coupler. Mounting height 27 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. Ceiling mounting on suspended ceilings with spring clamps, on solid ceilings in surface-mounting boxes 6131/39-xxx(-500) or on VDE flush-mounted boxes with intermediate ring for VDE flush-mounted boxes 6131/38-xxx(-500). Suitable for false ceilings with a board thickness from 9 to 25 mm. Hole size: Ø 68 mm. 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.

2025/08/19

Installation

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 … +45 °C
Degree of Protection	IP20

Technical

Data Sheet, Technical Information	2CKA006132D0202
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	Frontal 20 m Lateral 30 m

Design

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

Dimensions

Product Net Width	91 mm
Product Net Height	91 mm
Product Net Depth / Length	49 mm
Product Net Weight	102 g
Built-In Depth (t_2)	22 mm

Engineering

EPLAN Data	9AKK108464A1160
Building Information Modeling – BIM	2CKA110002E3646

Ordering

E-Number (Finland)	2815600
E-Number (Norway)	4544283
E-Number (Sweden)	1739146

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	2CKA200000E4559
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	2CKA100000E1102
EU Data Act Applicability and Compliance	Applicable - Compliant

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
2CKA006132A0403	Intermediate ring fm box W	6131/38-24-500	1	piece
2CKA006899A2304	Protection Cover alpine white	6898	1	piece

Categories

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