ABB

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PRODUCT-DETAILS

6817/33-24-500

Presence Detector Bluetooth 12 m 200 W studio white matt

General Information

Extended Product Type	6817/33-24-500
Product ID	2CKA006800A2743
EAN	4011395217658
Catalog Description	Presence Detector Bluetooth 12 m 200 W studio white matt
Long Description	Master presence detector with mixed light measurement. For switching lighting systems that depend on brightness and movement. With Bluetooth interface for parameterization and operation. Adjustment of all setting options via smartphone or tablet. Light control via smartphone or tablet app. With electronic switch contact for LED operation. With selectable soft ON/OFF function. Detection range (for installation height of 3 m): circular Seated persons: up to Ø 10 m, walking persons: up to Ø 12 m. Extension of the detection range by means of master/slave combination. Visible height 23 mm. For semi-automatic, comfort and fully automatic operation. Additional activation/deactivation possibility through pushbutton input. With continuous light/continuous off function (8 hours), activation via intelligent extension unit input possible. With selectable presence simulation in case of non-presence. With integrated storage of ON period (energy monitor). With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Ceiling installation using integrated spring bracket. Twist protection via additional quick tensioning. Adjustment elements accessible on the front side. Surveillance density: 72 sectors with 640 switching segments. Individual deactivation and adjustment of sensitivity of individual sensors possible. Switch-off delay: approx. 1 min. - 30 min. or short-time pulse adjustable. With selectable dynamic switch-off delay.

2024/10/21

Installation

Instructions and Manuals	No document needed
Mounting Type	Built-in
Mounting Position	Ceiling
Mounting Height	Optimum 2 ... 4 m

Environmental

Ambient Air Temperature	Operation -5 ... +45 °C
Degree of Protection	IP40

Technical

Data Sheet, Technical Information	2CKA001673B9577
Function	Setting Options by Bluetooth
Measuring Range	12 m
Number of Outputs	1
Number of Switching Zones	640
Transmission Standard	Bluetooth
Minimum Switching Time	Switch-On 60 second [unit of time]
Connection Type	Plug Clamp
Sensor Type	Passive infrared
Illuminance	5 ... 2000 lx
Sensor Detection Range	360 ° Horizontal 90 ... 360 °

Electrical

Rated Voltage (U_r)	230 V AC
Auxiliary Voltage AC/DC	110 V AC/DC 230 V AC/DC
Input Voltage Type	AC
Current Range	Maximum 350 A
Rated Frequency (f)	50 / 60 Hz
Maximum Switching Power	200 W
Load Type	230 V incandescent lamps
Power Loss	0.3 W

Design

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

Dimensions

Product Net Width	94 mm
Product Net Height	94 mm
Product Net Depth / Length	59 mm
Product Net Weight	143.2 g
Built-In Depth (t_2)	36 mm

Ordering

E-Number (Norway)	1471227
E-Number (Sweden)	1301058

Material Compliance

RoHS Information	2CKA200000E6490
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
REACH Date	20230825
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Certificates and Declarations

Declaration of Conformity - CE	2CKA200000E6490

Classifications

ETIM 9	EC000133 - Movement sensor/presence detector complete
eClass	V11.0 : 27144007
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
2CKA006800A2765	Presence Detector studio white matt	6889/30-24-500	1	piece
2CKA006499A0002	Extension Module	6494-500	1	piece
2CKA006899A2304	Protection Cover alpine white	6898	1	piece

Categories

Low Voltage Products and Systems → Wiring Accessories - StandAlone Electronics → Presence Detector → Professional Series