ABB

PRODUCT-DETAILS

6848 AGM-204-500

Motion Detector MasterLINE 220 ° white

General Information

Extended Product Type	6848 AGM-204-500
Product ID	2CKA006800A2578
EAN	4011395151167
Catalog Description	Motion Detector MasterLINE 220 ° white
Long Description	Electronic movement detector for detecting thermal motion. Two switching outputs (one floating/one non-floating) With 2-zone detection and 2 separate switching outputs. With connectable, movement-independent twilight switching operation. Remote control possible via IR remote control 6841-101 (included in scope of delivery). Remote configurable via IR service remote control 6842-101. With display for detection and operation mode. With ground and rear-field detection. With high-quality lens for optimum detection. Detection sensitivity adjustable via IR service remote control. Surveillance density: 91 sectors with 364 switching segments. With integrated dismantling protection. All functions controlled by microprocessor. Continuous light (4 hours), light deactivation (4 hours) and presence simulation can be activated via IR remote control. Reading in the current brightness value as switching threshold via remote control. With automatic range stabilization. With automatic interference suppression. With automatic dazzle-proofing. With brightness-independent test mode for evaluating the detection zone. Individual adjustment of detection range via enclosed protective foil which can be cut to size. Additional possibility for switch-on via normally open push-button switch. Switch-off delay: 10 sec to 30 min or short-time pulse 1 sec adjustable.

2024/04/12

Installation

Instructions and Manuals	DEBJE-0073-1-8063
Mounting Type	Surface Mounted
Mounting Position	Wall
Mounting Height	Optimum 2.5 m

Technical

Data Sheet, Technical Information	No document needed
Function	Potential free additional contact
Measuring Range	Diameter Detection range on floor 32 m
Number of Outputs	1
Number of Switching Zones	2
Delay Time (T)	Off 0 second [unit of time] On 0 second [unit of time]
Minimum Switching Time	Switch-On 10 second [unit of time]
Connection Type	Cable Clamp
Sensor Type	Passive infrared
Includes	Remote control
Illuminance	0 ... 1000 lx
Battery Chemical Composition	Lithium
Battery Size	CR2025
Battery Type	Button Cell
Battery Weight	2 g
Number of Batteries	1

Electrical

Rated Voltage (U_r)	230 V
Auxiliary Voltage AC/DC	230 V AC/DC
Input Voltage Type	AC
Rated Current (I_n)	10 A
Current Range	Maximum 80 A Minimum 0.01 A
Rated Frequency (f)	50 / 60 Hz
Maximum Switching Power	3680 W
Load Type	ohmic, capacitive and inductive loads
Power Loss	1 W

Design

Surface Finishing	Untreated Matt
Material	Thermoplastic
RAL Number	RAL 9010 - Pure White
Color	white

Material Compliance

RoHS Information	2CKA200000E6422
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
SCIP	3cd7db5e-be3c-46b1-9d8c-d6437e4f7b07 Germany (DE)
Simplified SCIP	3cd7db5e-be3c-46b1-9d8c-d6437e4f7b07 Germany (DE)

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP55

Dimensions

Product Net Width	115 mm
Product Net Height	125 mm
Product Net Depth / Length	141 mm
Product Net Weight	0.52 kg
Built-In Depth (t_2)	0 mm

Ordering

Replacement Product ID (NEW)	2CKA006800A3076

Certificates and Declarations

Declaration of Conformity - CE	2CKA100000E2038

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
2CKA006899A0231	RC suppressor 2 pole 230 V	6899	1	piece

Categories

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