



PRODUCT-DETAILS

# 6814 U-500

## Presence Detector 7 m 2000 W alpine white



General Information	
Extended Product Type	6814 U-500
Product ID	2CKA006800A2518
EAN	4011395148044
Catalog Description	Presence Detector 7 m 2000 W alpine white
Long Description	For switching lighting systems that depend on brightness and movement. Detection range (for installation height of 3 m), circular, up to 8 m in diameter. For semiautomatic and fully automatic operation. Additional activation/deactivation possibility through pushbutton input. Adaptation of the detection range possible using the included masking elements. With brightness-independent test mode for evaluating the detection zone. With detection display in test mode. Mounting possibility in combination with built-in installation boxes and device sockets. Ceiling installation using integrated spring bracket. Adjustment elements accessible on the front side. Low mounting height (31 mm) Surveillance density: 32 sectors with 128 switching segments. Switch-off delay: approx. 5 sec - 30 min or short-time pulse adjustable.

Installation	
Instructions and Manuals	DEBJE-ba_0173_1_7394_6814-500t

Wiring Diagram	2CKA000097E0091 2CKA000097E0132 2CKA000097E0146
Mounting Type	Built-in Flush Mounted
Mounting Height	Optimum 2 ... 4 m

Environmental

Ambient Air Temperature	Operation 0 ... +45 °C
Degree of Protection	IP40

Technical

Measuring Range	7 m
Number of Outputs	1
Number of Switching Zones	1
Minimum Switching Time	Switch-On 5 second [unit of time]
Sensor Type	Passive infrared
Illuminance	10 ... 2000 lx
Terminal Type	Screw Terminals
Sensor Detection Range	360 ° Horizontal 30 ... 360 °

Electrical

Rated Voltage (U <sub>r</sub> )	230 V AC
Auxiliary Voltage AC/DC	230 V AC/DC
Input Voltage Type	AC
Current Range	Maximum 80 A
Rated Frequency (f)	50 / 60 Hz
Maximum Switching Power	2000 W
Load Type	Incandescent,HV,Fluorescent,LV
Power Loss	1 W

Design

Surface Finishing	Untreated Matt
Material	Thermoplastic
RAL Number	Similar to RAL 9010
Color	alpine white

Dimensions

Product Net Width	111 mm
Product Net Height	111 mm
Product Net Depth / Length	59 mm
Product Net Weight	153 g

Built-In Depth (t2)	41 mm
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<b>Ordering</b>	
E-Number (Finland)	2619332
E-Number (Sweden)	1300064

<b>Material Compliance</b>	
RoHS Information	2CKA200000E6392
RoHS Status	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	20230825
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

<b>Certificates and Declarations</b>	
Declaration of Conformity - CE	2CKA100000E1990

<b>Classifications</b>	
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

<b>Categories</b>	
Low Voltage Products and Systems → Wiring Accessories - StandAlone Electronics → Presence Detector → Basic Series	

