



PRODUCT-DETAILS

# 6818 U-500

## Presence Detector BasicLINE corridor 24 m 2000 W alpine white



General Information	
Extended Product Type	6818 U-500
Product ID	2CKA006800A2519
EAN	4011395148051
Catalog Description	Presence Detector BasicLINE corridor 24 m 2000 W alpine white
Long Description	For switching lighting systems that depend on brightness and movement.
	Detection range (for installation height of 2.5 m, circular, up to 24 m in diameter).
	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.
	With automatic motion detection.
	With automatic sensitivity adaptation. Mounting possibility in combination with built-in installation boxes and device sockets.
	Ceiling installation using included dust protection housing.
	Built-in depth incl. dust protection housing 48 mm
Built-in depth Presence detector 18 mm.	
Adjustment elements accessible on the front side.	
Surveillance density: 215 sectors with 860 switching segments.	
Switch-off delay: approx. 10 sec - 30 min or short-time pulse adjustable.	
Remote control possible via IR service remote control 6843.	
Use outdoors possible due to combination with surface-mounted housing 6888.	

<b>Installation</b>	
Instructions and Manuals	2CKA000273B7331
Wiring Diagram	2CKA000097E0092 2CKA000097E0133
Mounting Type	Built-in Flush Mounted
Mounting Height	Optimum 2 ... 3 m

<b>Environmental</b>	
Ambient Air Temperature	Operation -20 ... +45 °C
Degree of Protection	IP40

<b>Technical</b>	
Function	Setting Options by Infrared
Measuring Range	24 m
Number of Outputs	1
Number of Switching Zones	1
Minimum Switching Time	Switch-On 10 second [unit of time]
Product Type	BasicLINE corridor
Sensor Type	Passive infrared
Illuminance	10 ... 2000 lx
Terminal Type	Screw Terminals
Sensor Detection Range	360 ° Horizontal 30 ... 360 °

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

<b>Design</b>	
Surface Finishing	Untreated Matt
Material	Thermoplastic
RAL Number	Similar to RAL 9010
Color	alpine white

<b>Dimensions</b>	
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Product Net Width	110 mm
Product Net Height	110 mm
Product Net Depth / Length	100 mm
Product Net Weight	236 g
Built-In Depth (t <sub>2</sub> )	48 mm
Dimension Diagram	2CKA000097E0696

Ordering

E-Number (Finland)	2619333
E-Number (Sweden)	1300065

Material Compliance

RoHS Information	2CKA200000E6393
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

Certificates and Declarations

Declaration of Conformity - CE	2CKA100000E1991
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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
2CKA006899A2305	Surface-Mounted Box Presence detector flex lens alpine white	6888	1	piece
2CKA006899A2304	Protection Cover alpine white	6898	1	piece
2CKA006899A0231	RC suppressor 2 pole 230 V	6899	1	piece

**Categories**

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



360°