

## PRODUCT-DETAILS

# 6819/31-183-500

## 6819/31-183-500 Busch-Presence detector Universal BT, relay 12 meters



### General Information

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Extended Product Type | 6819/31-183-500                                                       |
| Product ID            | 2CKA006800A2775                                                       |
| EAN                   | 4011395217993                                                         |
| Catalog Description   | 6819/31-183-500 Busch-Presence detector Universal BT, relay 12 meters |

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Long Description | <p>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 power relays for LED operation. 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. Suitable for false ceilings with a board thickness from 9 to 25 mm.</p> |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 4011395217993 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85365080      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 0.094 m  |
| Product Net Height         | 0.094 m  |
| Product Net Depth / Length | 0.072 m  |
| Product Net Weight         | 0.161 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 0.141 m       |
| Package Level 1 Height         | 0.095 m       |
| Package Level 1 Depth / Length | 0.165 m       |
| Package Level 1 Gross Weight   | 306 g         |
| Package Level 1 EAN            | 4011395217993 |

## Environmental

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| RoHS Status | Following EU Directive 2002/95/EC August 18, 2005 and amendment |
|-------------|-----------------------------------------------------------------|

## Additional Information

|                                 |                                                          |
|---------------------------------|----------------------------------------------------------|
| Auxiliary Voltage AC/DC         | 110 V AC/DC<br>230 V AC/DC                               |
| Brand / Label                   | ABB                                                      |
| Color                           | aluminium silver                                         |
| Connection Type                 | Plug Clamp                                               |
| Current Range                   | Maximum 800 A                                            |
| Degree of Protection            | IP40                                                     |
| Frequency (f)                   | 50...60 Hz                                               |
| Illuminance                     | 5...2000 lx                                              |
| Material                        | Material quality: Thermoplastic<br>Material: Plastic     |
| Mounting Type                   | Flush Mounted                                            |
| Number of Outputs               | 1                                                        |
| Product Main Type               | Busch-Presence detector Universal BT, relay              |
| Product Name                    | Busch-Presence detector Universal BT, relay 12 meters    |
| Product Range                   | Movement detector                                        |
| Rated Voltage (U <sub>r</sub> ) | 230 V                                                    |
| RoHS Date                       | 20150724                                                 |
| Surface Finishing               | Surface protection: Lacquered<br>Surface finishing: Matt |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CKA001473B9577 |
| Declaration of Conformity - CE    | 2CKA200000E6518 |
| RoHS Information                  | 9AKK104295D8727 |

| Classifications |                                                            |
|-----------------|------------------------------------------------------------|
| ETIM 5          | EC000133 - Movement sensor complete                        |
| ETIM 6          | EC000133 - Movement sensor complete                        |
| ETIM 7          | EC000133 - Movement sensor complete                        |
| WEEE Category   | 5. Small Equipment (No External Dimension More Than 50 cm) |

**Categories**

Low Voltage Products and Systems → StandAlone Electronics → Presence Detector → Presence Detector Series → Bluetooth  
Controlled Devices (Master) → Presence Detector Universal BT, Relay

