

## PRODUCT-DETAILS

# 6818 U-500

## 6818 U-500 Busch-Watchdog Presence tech BasicLINE Corridor



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | 6818 U-500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product ID            | 2CKA006800A2519                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| EAN                   | 4011395148051                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Catalog Description   | 6818 U-500 Busch-Watchdog Presence tech BasicLINE Corridor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Long Description      | <p>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 socket. 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.</p> |

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 2619333       |
| E-Number (Sweden)      | 1300065       |
| EAN                    | 4011395148051 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85365080      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 0.11 m   |
| Product Net Height         | 0.11 m   |
| Product Net Depth / Length | 0.07 m   |
| Product Net Weight         | 0.236 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 0.115 m       |
| Package Level 1 Height         | 0.12 m        |
| Package Level 1 Depth / Length | 0.165 m       |
| Package Level 1 Gross Weight   | 329 g         |
| Package Level 1 EAN            | 4011395148051 |
| Package Level 2 Units          | 18 piece      |
| Package Level 2 Width          | 0.355 m       |
| Package Level 2 Height         | 0.406 m       |
| Package Level 2 Depth / Length | 0.375 m       |
| Package Level 2 Gross Weight   | 6.5 kg        |
| Package Level 3 Units          | 360 piece     |
| Package Level 3 Width          | 0.8 m         |
| Package Level 3 Height         | 1.15 m        |
| Package Level 3 Depth / Length | 1.2 m         |
| Package Level 3 Gross Weight   | 130 kg        |

## Environmental

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

## Additional Information

|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| Auxiliary Voltage AC/DC         | 230 V AC/DC                                          |
| Brand / Label                   | ABB                                                  |
| Color                           | alpine white                                         |
| Current Range                   | Maximum 80 A                                         |
| Degree of Protection            | IP40                                                 |
| Frequency (f)                   | 50...60 Hz                                           |
| Illuminance                     | 10...2000 lx                                         |
| Material                        | Material quality: Thermoplastic<br>Material: Plastic |
| Mounting Type                   | Built-in unit                                        |
| Number of Outputs               | 1                                                    |
| Product Main Type               | Busch-Watchdog Presence tech BasicLINE Corridor      |
| Product Name                    | Busch-Watchdog Presence tech BasicLINE Corridor      |
| Product Range                   | Movement detector                                    |
| Rated Voltage (U <sub>r</sub> ) | 230 V                                                |
| Replaced Product ID (OLD)       | 6800-0-2519                                          |
| RoHS Date                       | 20101110                                             |
| Surface Finishing               | Surface protection: Untreated                        |

Surface finishing: Matt

| Certificates and Declarations (Document Number) |                                   |
|-------------------------------------------------|-----------------------------------|
| Declaration of Conformity - CE                  | 2CKA100000E1991                   |
| Instructions and Manuals                        | DEBJE-6818_BA-ABB_ger-eng-fre-dut |
| 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 → Standard Series → Standard Devices → Watchdog BasicLINE Corridor |

