

## PRODUCT-DETAILS

# 6848 AGM-204-500

## 6848 AGM-204-500 Busch-Watchdog 220 MasterLINE premium incl. IR remote control



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | 6848 AGM-204-500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product ID            | 2CKA006800A2578                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| EAN                   | 4011395151167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Catalog Description   | 6848 AGM-204-500 Busch-Watchdog 220 MasterLINE premium incl. IR remote control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Long Description      | <p>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.</p> <p>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.</p> |

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 4011395151167 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85365080      |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 0.125 m |
| Product Net Height         | 0.115 m |
| Product Net Depth / Length | 0.141 m |
| Product Net Weight         | 0.52 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 0.137 m       |
| Package Level 1 Height         | 0.145 m       |
| Package Level 1 Depth / Length | 0.175 m       |
| Package Level 1 Gross Weight   | 520 g         |
| Package Level 1 EAN            | 4011395151167 |

## 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                           | white                                                         |
| Current Range                   | Maximum 80 A                                                  |
| Degree of Protection            | IP55                                                          |
| Frequency (f)                   | 50...60 Hz                                                    |
| Illuminance                     | 0...1000 lx                                                   |
| Material                        | Material quality: Thermoplastic<br>Material: Plastic          |
| Mounting Type                   | Surface Mounted                                               |
| Number of Outputs               | 1                                                             |
| Product Main Type               | Busch-Watchdog 220 MasterLINE premium                         |
| Product Name                    | Busch-Watchdog 220 MasterLINE premium incl. IR remote control |
| Product Range                   | Movement detector                                             |
| Rated Voltage (U <sub>r</sub> ) | 230 V                                                         |
| Replaced Product ID (OLD)       | 6800-0-2578                                                   |
| RoHS Date                       | 20110406                                                      |
| Surface Finishing               | Surface protection: Untreated<br>Surface finishing: Matt      |

## Certificates and Declarations (Document Number)

|                                |                   |
|--------------------------------|-------------------|
| Declaration of Conformity - CE | 2CKA100000E2038   |
| Instructions and Manuals       | DEBJE-0073-1-8063 |
| 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) |

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**Categories**

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Low Voltage Products and Systems → StandAlone Electronics → Outdoor Movement Detector → MasterLINE Series → Standard Devices → Watchdog 220, RC, MasterLINE

