



## AZ 17-11ZI B1

- cable gland M16
- Thermoplastic enclosure
- Double-insulated
- Long life
- 30 mm x 60 mm x 30 mm
- Particularly suitable for sliding doors
- Small body
- Individual coding
- Coding level "High" according to ISO 14119
- High level of contact reliability with low voltages and currents
- Insensitive to soiling
- 8 actuating planes
- Slot sealing plug included

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
| Product type description      | AZ 17-11ZI B1 |
| Article number (order number) | 101121962     |
| EAN (European Article Number) | 4030661049700 |
| eCl@ss number, version 9.0    | 27-27-26-02   |
| eCl@ss number, version 11.0   | 27-27-26-02   |
| eCl@ss number, version 12.0   | 27-27-26-02   |
| ETIM number, version 7.0      | EC002592      |
| ETIM number, version 6.0      | EC002592      |

### Approvals - Standards

|              |                    |
|--------------|--------------------|
| Certificates | BG<br>cULus<br>EAC |
|--------------|--------------------|

## General data

|  |   |
|--|---|
| Coding level according to EN ISO 14119 | High  |
| Enclosure material                     | Plastic, glass-fibre reinforced thermoplastic, self-extinguishing |
| Material of the actuator               | Stainless steel   |
| Material of the contacts, electrical   | Silver  |
| Gross weight                           | 95 g  |

## General data - Features

|                              |   |
|------------------------------|---|
| Number of auxiliary contacts | 1 |
| Number of safety contacts    | 1 |

## Safety classification

|              |   |
|--------------|---|
| Standards    | BG-GS-ET-15<br>EN ISO 13849-1<br>EN IEC 60947-5-1 |
| Mission time | 20 Year(s)  |

## Safety classification - Safety outputs

|  |                             |
|--|-----------------------------|
| $B_{10D}$ Normally-closed contact (NC)       | 2,000,000 Operations        |
| $B_{10D}$ Normally open contact (NO)         | 1,000,000 Operations        |
| Note ( $B_{10D}$ Normally open contact (NO)) | at 10% $I_e$ and ohmic load |

## Mechanical data

|                          |                      |
|--------------------------|----------------------|
| Mechanical life, minimum | 1,000,000 Operations |
| Latching force           | 5 N                  |
| Positive break travel    | 11 mm                |

|  |       |
|--|-------|
| Positive break force per NC contact, minimum | 17 N  |
| Actuating speed, maximum                     | 2 m/s |

### Mechanical data - Connection technique

|                        |   |
|------------------------|---|
| Termination            | IDC method of termination                         |
| Cable section, minimum | 1 x 0.75 mm <sup>2</sup>                          |
| Cable section, maximum | 1 x 1.0 mm <sup>2</sup> , flexible                |
| Note (Cable section)   | All indications including the conductor ferrules. |

### Mechanical data - Dimensions

|                  |       |
|------------------|-------|
| Length of sensor | 30 mm |
| Width of sensor  | 30 mm |
| Height of sensor | 85 mm |

### Ambient conditions

|                              |        |
|------------------------------|--------|
| Degree of protection         | IP67   |
| Ambient temperature, minimum | -30 °C |
| Ambient temperature, maximum | +80 °C |

### Ambient conditions - Insulation values

|   |       |
|---|-------|
| Rated insulation voltage $U_i$            | 250 V |
| Rated impulse withstand voltage $U_{imp}$ | 4 kV  |

### Electrical data

|                            |         |
|----------------------------|---------|
| Operating voltage, maximum | 230 V   |
| Thermal test current       | 10 A    |
| Utilisation category AC-15 | 230 VAC |

|                            |                        |
|----------------------------|------------------------|
| Utilisation category AC-15 | 4 A                    |
| Utilisation category DC-13 | 24 VDC                 |
| Utilisation category DC-13 | 4 A                    |
| Switching element          | NC contact, NO contact |
| Switching principle        | Slow action            |

### Scope of delivery

|  |   |
|--|---|
| Scope of delivery                      | Not available as spare part<br>Slot cover for dust-proof covering of the opening not in use |
| Scope of delivery of mounting material | Tamperproof screws  |

### Note

|                |  |
|----------------|--|
| Note (General) | This type termination (IDC) method enables simple connection of flexible conductors without the need for the use of conductor ferrules |
|----------------|--|

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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