



AZ17-11ZRI-B1

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

Data

Ordering data

Product type description	AZ 17-11ZRI-B1
Article number (order number)	101136304
EAN (European Article Number)	4030661056463
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02

General data

Product name	AZ 17ZI
Coding level according to 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	110 g

General data - Features

higher Latching force	Yes
Number of auxiliary contacts	1
Number of safety contacts	1

Safety appraisal

Standards	EN ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
B10d Normally open contact (NO)	1,000,000 Operations
Note (B10d Normally open contact (NO))	at 10% I_e and ohmic load

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Latching force	30 N
positive break travel	11 mm
Positive break force, minimum	17 N
Actuating speed, maximum	2 m/s

Mechanical data - Connection technique

Terminal Connector	IDC method of termination
Cable section, minimum	1 x 0.75 mm ²
Cable section, maximum	1 x 1.0 mm ² , flexible

Mechanical data - Dimensions

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

Ambient conditions

Degree of protection	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

Ambient conditions - Insulation value

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	NO contact, NC contact
Switching principle	Creep circuit element

Scope of delivery

Included in delivery	Not available as spare part Slot cover for dust-proof covering of the opening not in use
Delivery scope of Mounting material	Tamperproof screws

Notes

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

Ordering code

Product type description:

AZ 17-(1)Z(2)I-(3)-(4)-(5)

(1)

11 1 NO contacts/1 NC contact

02 2 NC contact

(2)

without Latching force 5 N

R Latching force 30 N

(3)

without M16 cable gland

ST M12 connector

(4)

B1 Actuator B1

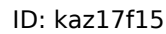
B5 Actuator B5

B6L Actuator B6L

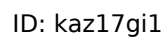
B6R Actuator B6R

1637 Gold-plated contacts

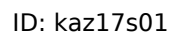
Product picture (catalogue individual photo)



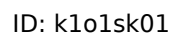
Dimensional drawing basic component



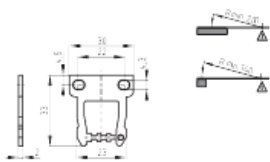
Switch travel diagram



Diagram



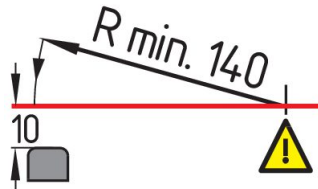
Dimensional drawing actuator



ID: 1az17b03

| 68,7 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 Pixel - 72 dpi
 | 3,5 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel - 72 dpi
 | 28,1 kB | .cdr |

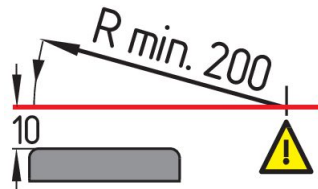
Actuating radius



ID: kaz17r06

| 19,8 kB | .cdr |

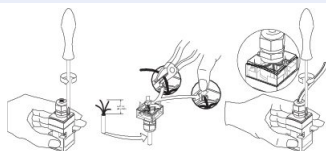
Actuating radius



ID: kaz17r05

| 19,8 kB | .cdr |

Assembly example



ID: kaz17m02

| 210,2 kB | .cdr |

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, D-42279 Wuppertal

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.

Generated on 24/05/2021 02:55:46