



AZ 17-02ZI-ST B1

- Long life
- Small body
- Double-insulated
- Individual coding
- 8 actuating planes
- 30 mm x 60 mm x 30 mm
- Insensitive to soiling
- Thermoplastic enclosure
- Connector M12 x 1, 4-pole
- 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 17-02ZI-ST-B1
Article number (order number)	101144078
EAN (European Article Number)	4030661130781
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02

Approval - Standards

Certificates	BG
	cULus
	EAC

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	86 g

General data - Features

Number of safety contacts 2

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

Mechanical data

Mechanical life, minimum 1,000,000 Operations

Latching force 5 N

positive break travel 11 mm

Positive break force, minimum 17 N

Actuating speed, maximum 2 m/s

Mechanical data - Connection technique

Terminal Connector Connector M12

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	Opener (NC)
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)	The axis of the hinge must be 10 mm above and in a parallel plane to the top surface of the safety switch. minimum actuating radius on rotating guard systems via the narrow edge of the actuator 140 mm minimum actuating radius on hinged guards in line with the plane of the actuator 200 mm The actuator is not available separately.
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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

(5)

1637 Gold-plated contacts

Pictures

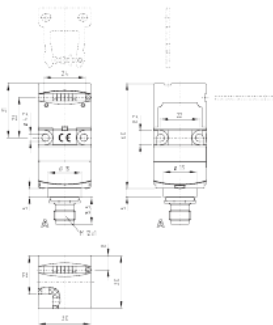
Product picture (catalogue individual photo)



ID: kaz17fi2

| 281,9 kB | .jpg | 122.061 x 359.481 mm - 346 x 1019
Pixel - 72 dpi
| 148,6 kB | .png | 74.083 x 218.017 mm - 210 x 618
Pixel - 72 dpi

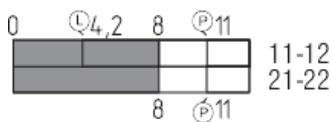
Dimensional drawing basic component



ID: kaz17gi2

| 5,8 kB | .png | 74.083 x 86.783 mm - 210 x 246 Pixel
- 72 dpi
| 111,5 kB | .cdr |
| 168,7 kB | .jpg | 352.425 x 413.456 mm - 999 x 1172
Pixel - 72 dpi

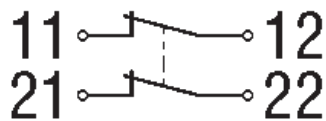
Switch travel diagram



ID: kaz17s02

| 2,0 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel -
72 dpi
| 20,1 kB | .cdr |
| 55,6 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355
Pixel - 72 dpi

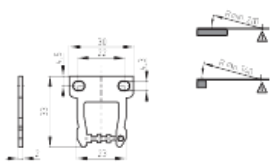
Diagram



ID: k2o--k01

| 48,8 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355
Pixel - 72 dpi
| 1,4 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel -
72 dpi

Dimensional drawing actuator



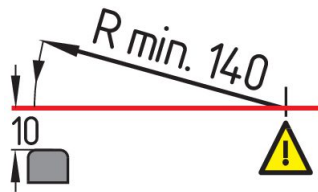
ID: 1az17b03

| 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 |

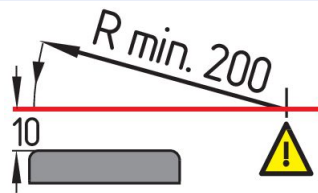
Actuating radius



ID: kaz17r06

| 19,8 kB | .cdr |

Actuating radius



ID: kaz17r05

| 19,8 kB | .cdr |

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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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