



AZ17-02ZK

- Long life
- Small body
- cable gland M16
- Multiple coding
- Double-insulated
- 8 actuating planes
- 30 mm x 60 mm x 30 mm
- Insensitive to soiling
- Thermoplastic enclosure
- High level of contact reliability with low voltages and currents

Data

Ordering data

Product type description	AZ 17-02ZK
Article number (order number)	101121961
EAN (European Article Number)	4030661049694
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
	CCC
	EAC
	CNCA

General data

Product name	AZ 17
Coding level according to ISO 14119	Low
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Gross weight	85 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 IDC method of termination

Cable section, minimum 1 x 0.75 mm²

Cable section, maximum 1 x 1 mm²

Mechanical data - Dimensions

Length of sensor 30 mm

Width of sensor 30 mm

Height of sensor 60 mm

Ambient conditions

Degree of protection IP 67 to IEC/EN 60529

Ambient conditions - Insulation value

Rated insulation voltage U_i 250 V

Rated impulse withstand voltage U_{imp} 4 kV

Electrical data

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	Actuators must be ordered separately. Slot cover for dust-proof covering of the opening not in use
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Notes

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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Ordering code

Product type description:

AZ 17-(1)Z(2)K-(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

2243 Front cable entry

2243-1 Rear cable entry

ST M12 connector, 4 pole

(4)

1637 Gold-plated contacts

(5)

5M Cable length 5 m

6M Cable length 6 m

Pictures

Product picture (catalogue individual photo)



ID: kaz17f16

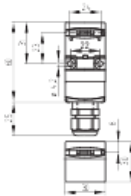
| 670,2 kB | .jpg | 221.192 x 529.167 mm - 627 x 1500

Pixel - 72 dpi

| 125,7 kB | .png | 74.083 x 177.094 mm - 210 x 502

Pixel - 72 dpi

Dimensional drawing basic component



ID: 1az17g01

| 3,7 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel

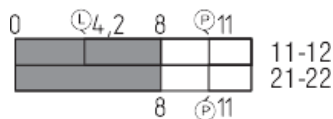
- 72 dpi

| 32,7 kB | .cdr |

| 67,0 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Pixel - 72 dpi

Switch travel diagram



ID: kaz17s02

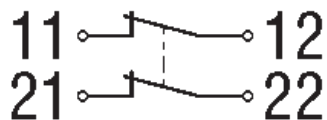
| 2,0 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel - 72 dpi

| 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

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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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