

AZ17-02ZRK-2243-5M



- Long life
 - Small body
 - Multiple coding
 - Double-insulated
 - Front cable entry
 - 8 actuating planes
 - Can be retro-fitted
 - 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 17-02ZRK-2243-5.0M
Article number (order number)	101139551
EAN (European Article Number)	4030661282091
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02

Approval - Standards

Certificates	BG
	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	425 g

General data - Features

higher Latching force	Yes
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
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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	Cable
Length of cable	5 m
Cable entry	front
Wire cross-section	0.75 mm ²

Mechanical data - Dimensions

Length of sensor	30 mm
Width of sensor	30 mm
Height of sensor	65 mm

Ambient conditions

Degree of protection	IP 67 to IEC/EN 60529
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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)	Individual coding available on request
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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: kaz17f21

| 601,5 kB | .jpg | 352.778 x 453.319 mm - 1000 x 1285 Pixel - 72 dpi

| 46,5 kB | .png | 73.731 x 94.897 mm - 209 x 269 Pixel - 72 dpi

Product picture (catalogue individual photo)

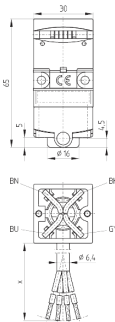


ID: kaz17f20

| 688,0 kB | .jpg | 241.3 x 453.319 mm - 684 x 1285 Pixel - 72 dpi

| 97,6 kB | .png | 74.083 x 138.994 mm - 210 x 394 Pixel - 72 dpi

Dimensional drawing basic component



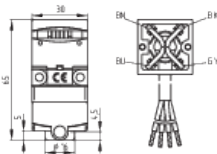
ID: kaz17g02

| 442,9 kB | .jpg | 352.778 x 986.014 mm - 1000 x 2795 Pixel - 72 dpi

| 40,7 kB | .cdr |

| 12,6 kB | .png | 74.083 x 207.081 mm - 210 x 587 Pixel - 72 dpi

Dimensional drawing basic component



ID: 1az17g02

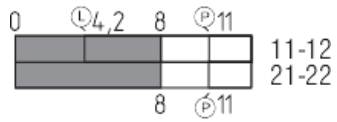
| 41,2 kB | .cdr |

| 10,0 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel - 72 dpi

| 96,3 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 Pixel - 72 dpi

Switch travel diagram

ID: kaz17s02

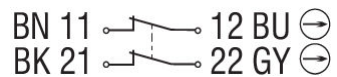


| 2,0 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel - 72 dpi

| 20,1 kB | .cdr |

| 55,6 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355 Pixel - 72 dpi

Diagram



ID: k2o--k13

| 56,5 kB | .jpg | 352.778 x 74.083 mm - 1000 x 210 Pixel - 72 dpi

| 15,7 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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