



AZ 17-11ZRK

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

Data

Ordering data

Product type description	AZ 17-11ZRK
Article number (order number)	101133967
EAN (European Article Number)	4030661050911
eCl@ss number, version 12.0	27-27-26-02
eCl@ss number, version 11.0	27-27-26-02
eCl@ss number, version 9.0	27-27-26-02
ETIM number, version 7.0	EC002592
ETIM number, version 6.0	EC002592

Approvals - Standards

Certificates	cULus CCC
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General data

Standards	EN ISO 13849-1 EN ISO 14119 EN IEC 60947-5-1
Coding level according to EN ISO 14119	Low
Working principle	electromechanical
Housing material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross weight	85 g

General data - Features

Increased latching force	Yes
Number of actuating directions	2
Number of auxiliary contacts	1
Number of safety contacts	1
Number of cable glands	1

Safety classification

Standards	EN ISO 13849-1
Performance Level, up to	c
Category	1
B _{10D} Normally-closed contact (NC)	2,000,000 Operations
Note	Electrical life on request.
B _{10D} Normally-open contact (NO)	1,000,000 Operations
Note	at 20% ohmic contact load
Mission time	20 Year(s)

Safety classification - Fault exclusion

Please note:	Can be used when fault exclusion for dangerous damage to the 1-channel mechanism is permissible and sufficient protection against manipulation is guaranteed.
Performance Level, up to	d
Category	3

Note for 2-channel use and with suitable logic unit.

Mission time 20 Year(s)

Mechanical data

Mechanical lifetime, minimum 1,000,000 Operations

Latching force 30 N

Positive break travel 11 mm

Positive break force per NC contact, minimum 17 N

Actuating speed, maximum 2 m/s

Mounting Screws

Type of the fixing screws 2x M4

Tightening torque of the fastening screws for the housing cover, minimum 0.7 Nm

Tightening torque of the fastening screws for the housing cover, maximum 1 Nm

Note Torx T10

Mechanical data - Connection technique

Cable entry M16 x 1.5

Termination IDC method of termination

Authorised cable section, minimum 4 mm

Authorised cable section, maximum 8 mm

Cable section, minimum 0.75 mm²

Cable section, maximum 1 mm²

Allowed type of cable flexible

Mechanical data - Dimensions

Length of sensor 30 mm

Width of sensor 30 mm

Height of sensor 60 mm

Ambient conditions

Degree of protection IP67
Ambient temperature -30 ... +80 °C
Storage and transport temperature -30 ... +85 °C
Permissible installation altitude above sea level, maximum 2,000 m

Ambient conditions - Insulation values

Rated insulation voltage U_i 250 VAC
Rated impulse withstand voltage U_{imp} 4 kV
Overvoltage category III
Degree of pollution 3

Electrical data

Thermal test current 10 A
Required rated short-circuit current 1,000 A
Switching element 1 NO contact, 1 NC contacts
Note (Switching element) with double break
Switching principle slow action, positive break NC contact
Maximale Schalthäufigkeit 2,000 /h
Material of the contacts, electrical Silver

Electrical data - Safety contacts

Voltage, Utilisation category AC-15 230 VAC
Current, Utilisation category AC-15 4 A
Voltage, Utilisation category DC-13 24 VDC
Current, Utilisation category DC-13 4 A

Electrical data - Auxiliary contacts

Voltage, Utilisation category AC-15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC-13	24 VDC
Current, Utilisation category DC-13	4 A

Other data

Note (applications)	sliding safety guard removable guard hinged safety guard
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Scope of delivery

Scope of delivery	Actuator must be ordered separately. Slot cover for dust-proof covering of the opening not in use
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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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Ordering code

Product type description:
AZ 17-(1)Z(2)K-(3)-(4)-(5)

(1)

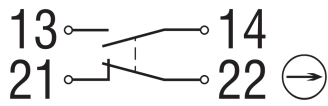
11	1 NO contact/1 NC contact
02	2 NC contact

(2)

without	Latching force 5 N
R	Latching force 30 N

(3)

Diagram



ID: kaz17k07

| 15.8 kB | .cdr |

| 50.1 kB | .jpg | 352.778 x 103.011 mm - 1000 x 292 px - 72 dpi

| 2.7 kB | .png | 74.083 x 21.519 mm - 210 x 61 px - 72 dpi

Assembly example



ID: kaz17m02

| 210.2 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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