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EX-AZM 161SK-12/12RKA-024-3D

- **Ex-Zone 22**
- **6 Contacts**
- **Manual release**
- **Screw connection**
- **Clamping force 2000N**
- **Thermoplastic enclosure**
- **130 mm x 114 mm x 30 mm**
- **cable entries 4 M 16 x 1.5**
- **Interlock with protection against incorrect locking.**

Data

Ordering data	
	EX-AZM 161SK-12/12RKA-024-3D
	101187045
EAN (European Article Number)	4030661334080
eCl@ss number, Version 9.0	27-27-26-03
Explosion protection	
	EN 60079-0 EN 60079-31 EN 60947-5-1
	⟨Ex⟩ II 3D Ex tc IIIC T80°C Dc X
Manufacturer declaration	ATEX Zone 22
General data	
	EX-AZM 161
	EN 60947-5-1
Active principle	electromechanical
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Gross weight	475 g

General data - Features	
Power to lock	Yes
Manual release	Yes
Number of actuating directions	3
Number of auxiliary contacts	2
Number of safety contacts	4
Safety appraisal	
	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
Actuating play in direction of actuation	5.5 mm
Impact energy, maximum	1 J
Latching force	30 N
positive break travel	10 mm
Positive break force, minimum	20 N
Actuating speed, maximum	1 m/s
Mechanical data - Connection technique	
Terminal Connector	Screw connection
Cable cross-section of the cable glands, minimum	5 mm
Cable cross-section of the cable glands, maximum	10 mm
	1 x 0.75 mm²
	1 x 1.5 mm²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Mechanical data - Dimensions	
Height of sensor	114 mm
Length of sensor	30 mm
Ambient conditions	
	IP67
Ambient temperature, minimum	-10 °C

Ambient temperature, maximum	+50 °C
Ambient conditions - Insulation value	
Rated impulse withstand voltage	4 kV
Electrical data	
Rated control voltage	24 VAC
Rated control voltage	24 VDC
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	2.5 A
Electrical power consumption, maximum	10 W
Switching element	NO contact, NC contact
Switching principle	Creep circuit element
Switching frequency	1,000 /h
Electrical data - Safety contacts	
Current, Utilisation category AC-15	4 A
Current, Utilisation category DC13	2.5 A
Electrical data - Auxiliary contacts	
Current, Utilisation category AC-15	4 A
Current, Utilisation category DC13	2.5 A
Scope of delivery	
Included in delivery	Actuators must be ordered separately. Including Ex-certified screwed cable gland and screw plug
Notes	
Note (Manual release)	For maintenance, installation, etc. For manual release using M5 triangular key, available as accessory
Ordering code	

Product type description:

EX-AZM 161 (1)-12/12-(2)K(3)-024-3D

(1)

SK Screw connection

CC Cage clamps

(2)

without Latching force 5 N

R Latching force 30 N

(3)

without Power to unlock

A Power to lock

Pictures

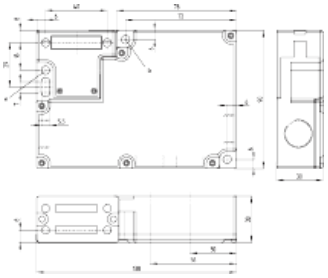
Photo/Product/Catalogue



ID: kexazf09

| 844,6 kB | .jpg | 352.778 x 300.919 mm - 1000 x 853 Pixel - 72 dpi
| 60,9 kB | .png | 74.083 x 63.147 mm - 210 x 179 Pixel - 72 dpi

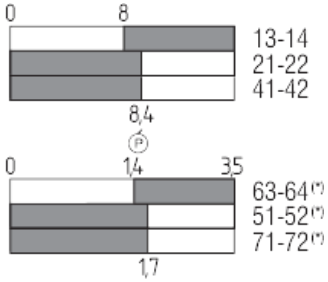
Dimension/Product/Basic



ID: kazm1g09

| 137,3 kB | .cdr |
| 139,6 kB | .jpg | 352.778 x 298.097 mm - 1000 x 845 Pixel - 72 dpi
| 4,5 kB | .png | 74.083 x 62.442 mm - 210 x 177 Pixel - 72 dpi

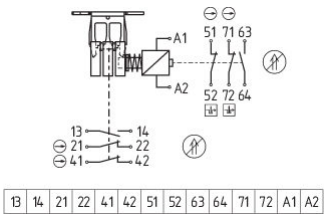
Diagramm/Product/Travel



ID: kazm1s07

| 102,8 kB | .jpg | 352.778 x 304.8 mm - 1000 x 864 Pixel - 72 dpi
| 2,9 kB | .png | 74.083 x 63.853 mm - 210 x 181 Pixel - 72 dpi

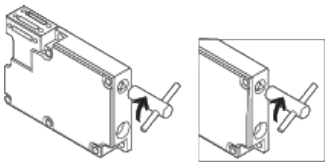
Graphic/Product/Contact



ID: kazm1k29

| 111,9 kB | .jpg | 352.778 x 227.894 mm - 1000 x 646 Pixel - 72 dpi

Illistration/Product/Function



ID: kazm1a41

| 13,0 kB | .png | 74.083 x 35.983 mm - 210 x 102 Pixel - 72 dpi
| 105,3 kB | .jpg | 352.778 x 170.744 mm - 1000 x 484 Pixel - 72 dpi
| 48,4 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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