

EX-AZM 415-02/02ZPKA-24VAC/DC-3D



- Ex-Zone 22
- Metal enclosure
- Clamping force 3500N
- 130 mm x 100 mm x 46,5 mm
- 2 cable entries M 20 x 1.5
- 2 switches in one enclosure
- Adjustable ball latch to 400 N
- Interlock with protection against incorrect locking.
- Problem-free opening of stressed doors by means of bell-crank system

Data

Ordering data

	EX-AZM 415-02/02ZPKA-24VAC/DC-3D
	101194202
EAN (European Article Number)	4030661358338
eCl@ss number, Version 9.0	27-27-26-03

Explosion protection

	BG-GS-ET-19
	EN 60079-0
	22
	3D
	⊕ II 3D Ex tc IIIC T90°C Dc X
Manufacturer declaration	ATEX Zone 22

General data

	EX-AZM 415
	IEC 60947-5-1
Active principle	electromechanical
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver

Gross weight	976 g
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General data - Features

Power to lock	Yes
Number of actuating directions	1
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
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Mechanical data

Mechanical life, minimum	1,000,000 Operations
Impact energy, maximum	4 J
Clamping force	3,500 N
Latching force, minimum	80 N
Latching force, maximum	400 N
positive break travel	5 mm
Positive break force, minimum	15 N
Actuating speed, maximum	1 m/s

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable cross-section of the cable glands, minimum	7 mm
Cable cross-section of the cable glands, maximum	12 mm
	0.75 mm ²
	2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Height of sensor	100 mm
Length of sensor	46.5 mm
Width of sensor	130 mm

Ambient conditions

IP67

Ambient temperature, minimum	-10 °C
Ambient temperature, maximum	+50 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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Electrical data

Thermal test current	6 A
Rated control voltage	24 VAC
Rated control voltage	24 VDC
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Electrical power consumption, maximum	10 W
Switching element	NO contact, NC contact
Switching principle	Creep circuit element

Scope of delivery

Included in delivery	Actuators must be ordered separately. Including Ex-certified screwed cable gland and screw plug
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Ordering code

Product type description:

EX-AZM 415-(1)ZPK(2)-24VAC/DC-(3)-
3D

(1)

11/11 2 NC contacts / 2 NO contacts

02/11 3 NC contacts / 1 NO contacts

02/20 2 NC contacts / 2 NO contacts

02/02 4 NC contact

(2)

without Power to unlock

A Power to lock

(3)

1637 Gold-plated contacts

Pictures

Photo/Product/Catalogue



ID: kexazf10

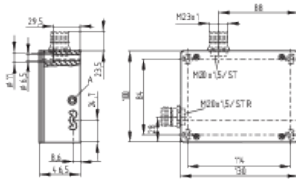
| 455,3 kB | .jpg | 352.778 x 235.303 mm - 1000 x 667

Pixel - 72 dpi

| 32,9 kB | .png | 74.083 x 49.389 mm - 210 x 140

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1azm4g01

| 9,5 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel

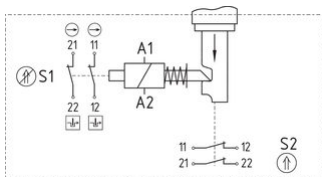
- 72 dpi

| 132,1 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695

Pixel - 72 dpi

| 35,2 kB | .cdr |

Graphic/Product/Contact



ID: kazm4k23

| 83,0 kB | .jpg | 352.778 x 188.031 mm - 1000 x 533

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.

Generated on 542021-01-31T16:55:54+01:00401Europe/BerlinSun, 31 Jan 2021 16:55:54

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