

EX-AZM 415-02/20ZPK-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 415-02/20ZPK-24VAC/DC-3D
	101190748
EAN (European Article Number)	4030661349947
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
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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	1,075 g
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General data - Features

Power to unlock	Yes
Number of actuating directions	1
Number of auxiliary contacts	2
Number of safety contacts	2

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

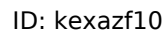
(2)

without Power to unlock

A Power to lock

1637 Gold-plated contacts

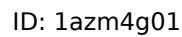
Photo/Product/Catalogue



Pixel - 72 dpi

Pixel - 72 dpi

ID: 1azm4g01



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

| 35,2 kB | .cdr |

ID: kazm4k19



Pixel - 72 dpi

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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