



## AZM 415-11/11XPKNS 24VAC/DC

- Adjustable ball latch to 400 N
- Problem-free opening of stressed doors by means of bell-crank system
- 2 switches in one enclosure
- Ex version available
- Emergency release
- 162 mm x 100 mm x 46,5 mm
- Metal enclosure
- Interlock with protection against incorrect locking.
- Robust design
- Long life
- 2 cable entries M 20 x 1.5
- Cut clamp termination

## Data

### Ordering data

EAN (European Article Number)	4030661218090
eCl@ss number, Version 9.0	27-27-26-03
eCl@ss number, Version 11.0	27-27-26-03

### Approval - Standards

Certificates	BG
	cULus
	CCC
	EAC

### General data

Standards	EN 60947-5-1 BG-GS-ET-19
Active principle	electromechanical
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	1,070 g

### General data - Features

Power to unlock	Yes
Emergency release	Yes
Number of actuating directions	1
Number of auxiliary contacts	2
Number of safety contacts	2
Number of guard doors	1

### 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
Clamping force in accordance with ISO14119 $F_{zh}$	3,500 N
Latching force, minimum	150 N
Latching force, maximum	400 N

positive break travel	5 mm
Positive break force, minimum	15 N
Actuating speed, maximum	0.2 m/s

### Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	2 x 0.75 mm <sup>2</sup>
Cable section, maximum	2 x 2.5 mm <sup>2</sup>
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

### Mechanical data - Dimensions

Length of sensor	46.5 mm
Width of sensor	162 mm
Height of sensor	100 mm

### Ambient conditions

Degree of protection	IP54
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+50 °C

### Ambient conditions - Insulation value

Rated insulation voltage U <sub>i</sub>	250 V
Rated impulse withstand voltage U <sub>imp</sub>	4 kV

### Electrical data

Thermal test current	6 A
Rated control voltage	24 VAC/DC

Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	1 A
Electrical power consumption, maximum	10 W
Switching element	NO contact, NC contact
Switching principle	Creep circuit element

## Other data

Note (applications)	sliding safety guard hinged safety guard
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## Notes

Note (Emergency release)	Emergency release is used where an "inadvertently locked-in" person must leave a dangerous, already interlocked area. Release by pressing in the lock button Resetting can only be carried out by authorised personnel using key. In removed condition, the guard device is protected against unintentional closing. Using lock button
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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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