



AZM 415-11/11ZPK14H 110VAC

- Adjustable ball latch to 400 N
- Problem-free opening of stressed doors by means of bell-crank system
- Two switches with separate actuators
- Suitable for Control Category 4
- The condition of the guard device can be scanned
- Spring-loaded actuators
- 130 mm x 144 mm x 56 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

Note (Delivery capacity)	Not available!
EAN (European Article Number)	4030661331942
eCl@ss number, Version 9.0	27-27-26-03
eCl@ss number, Version 11.0	27-27-26-03

Approval - Standards

Certificates	cULus EAC
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General data

Standards	BG-GS-ET-19 EN 60947-5-1
Active principle	electromechanical
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the actuator	Zinc-plated metal
Material of the contacts, electrical	Silver
Roller material	Plastic
Gross weight	1,090 g

General data - Features

Power to unlock	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	3,500 N

Clamping force in accordance with ISO14119 F	3,500 N
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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 ²
Cable section, maximum	2 x 2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	56 mm
Width of sensor	130 mm
Height of sensor	144 mm
Width of Castor	5 mm

Ambient conditions

Degree of protection	IP67 to EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+50 °C

Ambient conditions - Insulation value

Rated insulation voltage U _i	250 V
Rated impulse withstand voltage U _{imp}	4 kV

Electrical data

Thermal test current	6 A
Rated control voltage	110 VAC
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
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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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