



AZM 415-02/11ZPKTE 24VAC/DC

- Adjustable ball latch to 400 N
- 2 switches in one enclosure
- Problem-free opening of stressed doors by means of bell-crank system
- Ex version available
- Manual release
- Emergency exit
- 172 mm x 100 mm x 80 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)	4030661327051
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	1,035 g

General data - Features

Power to unlock	Yes
Emergency exit	Yes
Manual release	Yes
Number of actuating directions	1
Number of auxiliary contacts	1
Number of safety contacts	3
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
-----------------------------------	----------------------

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 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	80 mm
Width of sensor	172 mm
Height of sensor	100 mm

Ambient conditions

Degree of protection	IP67
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	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
---------------------	---------------------------------------------

Notes

Note (Emergency exit)	using latched pushbutton Emergency exit by pressing the red push button In removed condition, the guard device is protected against unintentional closing Interlock mounting outside Resetting by pulling on the red latched button
Note (Manual release)	Release and resetting using M5 triangular key Mounting outside

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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: 11/9/2021, 10:29 AM