



## AZM 415-02/02ZPKT 24VAC/DC

- 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)	4030661334752
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	930 g

### General data - Features

Power to unlock	Yes
Emergency exit	Yes
Number of actuating directions	1
Number of safety contacts	4
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 <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	152 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	Opener (NC)

Switching principle

Creep circuit element

## Other data

Note (applications)

sliding safety guard  
hinged safety guard

## Notes

Note (Emergency exit)

using latched pushbutton  
The emergency exit is used where an intervention in an already locked hazardous area is required  
Emergency exit by pressing the red push button  
Resetting by pulling on the latched button  
In removed condition, the guard device is protected against unintentional closing

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, 10:26 AM