



AZM 415-33ZPDK 24VAC/DC

- Ball latch for each door, individually adjustable up to 400 N
- 3 switches in one enclosure
- Spring-loaded actuators
- for double doors
- 141 mm x 125 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)	4030661280226
eCl@ss number, Version 9.0	27-27-26-03
eCl@ss number, Version 11.0	27-27-26-03

Approval - Standards

Certificates	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	1,235 g

General data - Features

Power to unlock	Yes
Number of actuating directions	1
Number of auxiliary contacts	3
Number of safety contacts	3
Number of guard doors	2

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 Fzh	2,500 N
Note (Clamping force)	each guard
Latching force, minimum	150 N
Latching force, maximum	400 N
positive break travel	4.5 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	46.5 mm
Width of sensor	141 mm
Height of sensor	125 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
---------------------	---

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, 10:34 AM