

AZM 415-02/11ZPKA 110 VAC



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

Data

Ordering data

AZM 415-02/11ZPKA 110 VAC

101174557

eCl@ss number, Version 9.0

27-27-26-03

General data

AZM 415

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

897 g

General data - Features

Power to lock

Yes

Number of actuating directions

1

Number of auxiliary contacts

1

Number of safety contacts

3

Number of guard doors

1

Safety appraisal

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

2 x 0.75 mm²

2 x 2.5 mm²

Note (Cable section)

All indications about the cable section are including the
conductor ferrules.

Mechanical data - Dimensions

Height of sensor

100 mm

Length of sensor

46.5 mm

Width of sensor

130 mm

Ambient conditions

Protection class

IP 67 to IEC/EN 60529

Ambient temperature, minimum

-25 °C

Ambient temperature, maximum

+50 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage

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 hinged safety guard
---------------------	---

Ordering code

Product type description:

AZM 415-(1)(2)PK(3)-(4) (5)(6)-(7)

(1)

11/11 2 NC contacts/2 NO contacts

11/02 3 NC contacts / 1 NO contacts

11/20 1 NC contacts / 3 NO contacts

02/11 3 NC contacts / 1 NO contacts

02/20 2 NC contacts / 2 NO contacts

02/02 4 NC contact

(2)

X Protection class IP54

Z Protection class IP67

(3)

without Power to unlock

A Power to lock

(4)

STR Connector M23 right

ST Connector M23 bottom

(5)

without Without manual release

E Manual release using triangular key

F with triangular key (secured with locking screw)

FE using triangular key

RS Manual release using key

T Emergency exit using latched pushbutton (power to unlock only)

- TE** Emergency exit using latched pushbutton and manual release, mounting outside (power to unlock only)
- TEI** Emergency exit using latched pushbutton and manual release, mounting inside (power to unlock only)
- NS** Emergency release using lock button

(6)

24VAC/DC Us: 24 VAC/DC

110VAC Us: 110 VAC

230VAC Us: 230 VAC

(7)

1637 Gold-plated contacts

(1)

A Power to lock

(2)

ST Connector M23 right

without Power to unlock

STR Connector M23 bottom

(3)

without Without manual release

E Manual release using triangular key (only for power to unlock principle)

(4)

1637 Gold-plated contacts

Pictures

Photo/Product/Catalogue



ID: kazm4f24

| 42,3 kB | .png | 74.083 x 58.208 mm - 210 x 165

Pixel - 72 dpi

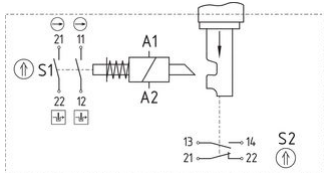
| 679,3 kB | .jpg | 352.778 x 277.636 mm - 1000 x 787

Pixel - 72 dpi

Dimension/Product/Basic

| 132,1 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695
Pixel - 72 dpi

Graphic/Product/Contact



| 81,7 kB | .jpg | 352.778 x 190.5 mm - 1000 x 540
Pixel - 72 dpi

+010002pmSaturday.30pm31Europe/BerlinCET0901Europe/BerlinJanuary2021Sat, 30 Jan 2021 21:09:02
+010001pm31