

AZ415-33ZPDK-M20



- Long life
- Metal enclosure
- for double doors
- Spring-loaded actuators
- 141 mm x 125 mm x 46,5 mm
- 2 cable entries M 20 x 1.5
- Adjustable ball latch to 400 N
- 3 switches with different actuating functions in one enclosure
- High level of contact reliability with low voltages and currents

Data

Ordering data

Product type description	AZ 415-33ZPDK
Article number (order number)	101164611
EAN (European Article Number)	4030661206523
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02

Approval - Standards

Certificates	EAC
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General data

Product name	AZ 415
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	1,045 g

General data - Features

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
B10d Normally open contact (NO)	1,000,000 Operations
Note (B10d Normally open contact (NO))	at 10% I_e and ohmic load

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Latching force, minimum	80 N
Latching force, maximum	400 N
positive break travel	5.5 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 1.5 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	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+80 °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
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Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Switching element	NO contact, NC contact
Switching principle	Creep circuit element

Scope of delivery

Included in delivery	Actuators must be ordered separately.
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Ordering code

Product type description:

AZ 415-(1)ZPK-(2)

(1)

02/11 2 NC contacts / 1 NO contact, 1 NC contact

02/02 2 NC contacts / 2 NC contacts

02/20 2 NC contacts / 2 NO contacts

11/11 1 NO contact, 1 NC contact / 1 NO contact 1, NC contact

(2)

1637 Gold-plated contacts

Pictures

Product picture (catalogue individual photo)



ID: kaz41f03

| 29,9 kB | .png | 74.083 x 47.978 mm - 210 x 136

Pixel - 72 dpi

| 716,1 kB | .jpg | 352.778 x 228.6 mm - 1000 x 648

Pixel - 72 dpi

Dimensional drawing basic component



ID: laz41g02

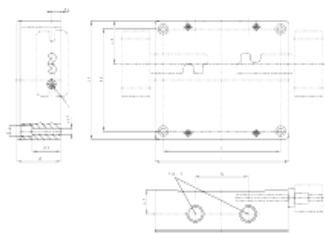
| 29,8 kB | .cdr |

| 107,1 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697

Pixel - 72 dpi

| 4,1 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

Dimensional drawing basic component



ID: kaz41g02

| 3,8 kB | .png | 74.083 x 52.564 mm - 210 x 149 Pixel

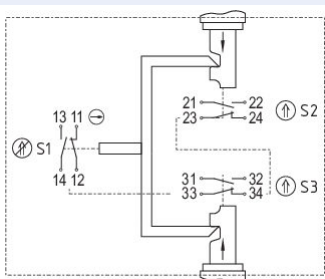
- 72 dpi

| 134,3 kB | .jpg | 352.778 x 250.825 mm - 1000 x 711

Pixel - 72 dpi

| 31,9 kB | .cdr |

Diagram



ID: kaz41k02

| 124,9 kB | .jpg | 352.778 x 300.214 mm - 1000 x 851

Pixel - 72 dpi

| 23,2 kB | .cdr |

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, D-42279 Wuppertal

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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