DATASHEET



AZM 415-22ZPK-M20 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
- 130 mm x 100 mm x 46,5 mm
- Cable entry M20 x 1.5
- 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

Product type description	AZM 415-22ZPK-M20 24VAC/DC
Article number (order number)	101152789
EAN (European Article Number)	4030661166322
eCl@ss number, version 12.0	27-27-26-03
eCl@ss number, version 11.0	27-27-26-03
eCl@ss number, version 9.0	27-27-26-03
ETIM number, version 7.0	EC002593
ETIM number, version 6.0	EC002593

Approvals - Standards

Certificates	cULus CCC

General data

Standards	BG-GS-ET-19 EN IEC 60947-5-1
Working principle	electromechanical
Housing material	Aluminium
Housing coating material	painted
Gross weight	910 g

General data - Features

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

Safety classification

Standards	EN ISO 13849-1
Mission time	20 Year(s)

Safety classification - Safety outputs

B_{10D} Normally-closed contact (NC)	2,000,000 Operations

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Holding force F_{Zh} in accordance with EN ISO 14119	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

Termination	Screw terminals M20 x 1.5
Cable section, minimum	2 x 0.75 mm²
Cable section, maximum	2 x 2.5 mm²
Note	All indications including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	46.5 mm
Width of sensor	130 mm
Height of sensor	100 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature	-25 ... +50 °C
Note (Relative humidity)	non-condensing non-icing

Ambient conditions - Insulation values

Rated insulation voltage U_i	250 VAC
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	Slow action
Material of the contacts, electrical	Silver

Other data

Note (applications)	sliding safety guard hinged safety guard

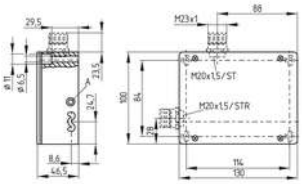
Pictures

Product picture (catalogue individual photo)



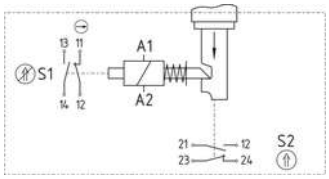
ID: kazm4f24
| 679.3 kB | .jpg | 352.778 x 277.636 mm - 1000 x 787 px - 72 dpi
| 42.3 kB | .png | 74.083 x 58.208 mm - 210 x 165 px - 72 dpi
| 83.4 kB | .jpg | 123.472 x 97.014 mm - 350 x 275 px - 72 dpi

Dimensional drawing basic component



ID: 1azm4g01
| 35.2 kB | .cdr |
| 9.5 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
| 132.1 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 px - 72 dpi

Diagram



ID: kazm4k33
| 78.3 kB | .jpg | 352.778 x 188.031 mm - 1000 x 533 px - 72 dpi
| 3.5 kB | .png | 74.083 x 39.511 mm - 210 x 112 px - 72 dpi