

AZM170SK-02ZRKA-24VAC/DC



- Long life
- Compact design
- Manual release
- Double-insulated
- Screw connection
- High holding force
- 90 mm x 84 mm x 30 mm
- Thermoplastic enclosure
- 1 Cable entry M 20 x 1.5
- Interlock with protection against incorrect locking.

Data

Ordering data

Product type description	AZM 170SK-02ZRKA 24 VAC/DC
Article number (order number)	101144263
EAN (European Article Number)	4030661132112
eCl@ss number, Version 9.0	27-27-26-03

Certifications

Certificates	CE
	cULus
	CCC
	EAC

General data

Product name	AZM 170
Standards	EN 60947-5-1
	BG-GS-ET-19
	Low
Active principle	electromechanical
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Weight	295 g

General data - Features

Power to lock	Yes
Manual release	Yes
Number of actuating directions	2
Number of safety contacts	2

Safety appraisal

Standards	ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
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Mechanical data

Mechanical life, minimum	1,000,000 Operations
Clamping force in accordance with ISO14119 F_{zh}	1,000 N
Latching force	30 N
positive break travel	11 mm
Positive break force, minimum	17 N
Actuating speed, maximum	2 m/s

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	1 x 0.25 mm ²
Cable section, maximum	1 x 1.5 mm ² , flexible

Mechanical data - Dimensions

Height of sensor	100.5 mm
Length of sensor	30 mm
Width of sensor	90 mm

Ambient conditions

Protection class	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+60 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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Electrical data

Thermal test current	6 A
	24 VAC/DC
Required rated short-circuit current to EN 60947-5-1	1,000 A
Electrical power consumption, maximum	10 W
Switching element	Opener (NC)
Note (Switching element)	Change-over contact with double break, type Zb or 2 NC contacts, with galvanically separated contact bridges
Switching principle	Creep circuit element
Switching frequency	1,000 /h

Other data

Note (applications)	sliding safety guard removable guard hinged safety guard
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Scope of delivery

Included in delivery	Actuators must be ordered separately.
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Notes

Note (General)	Individual coding available on request
Note (Manual release)	bottom For manual release using M5 triangular key, available as accessory

Documents

Operating instructions and Declaration of conformity

BG-test certificate

UL Certificate

CCC certification

EAC certification

Pictures

Product picture (catalogue individual photo)



ID: kazm1f16

| 246,2 kB | .jpg | 252.236 x 225.778 mm - 715 x 640

Pixel - 72 dpi

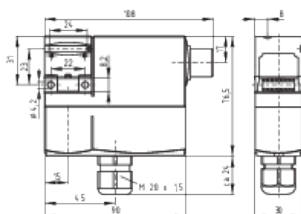
| 45,7 kB | .jpg | 26.649 x 23.818 mm - 320 x 286 Pixel - 305 dpi

| 2,7 kB | .jpg | 35.278 x 35.278 mm - 100 x 100 Pixel - 72 dpi

| 29,7 kB | .png | 74.083 x 66.322 mm - 210 x 188

Pixel - 72 dpi

Dimensional drawing basic component



ID: lazmlg07

| 32,7 kB | .jpg | 112.889 x 78.317 mm - 320 x 222

Pixel - 72 dpi

| 126,8 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695

Pixel - 72 dpi

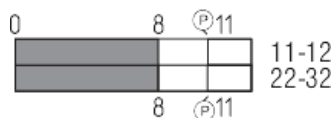
| 3,7 kB | .jpg | 35.278 x 35.278 mm - 100 x 100 Pixel - 72 dpi

| 44,4 kB | .cdr |

| 10,1 kB | .png | 74.083 x 51.506 mm - 210 x 146

Pixel - 72 dpi

Switch travel diagram



ID: kazm1s01

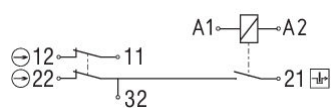
| 14,7 kB | .jpg | 112.889 x 40.217 mm - 320 x 114

Pixel - 72 dpi

| 1,8 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel - 72 dpi

| 19,5 kB | .cdr |

Diagram

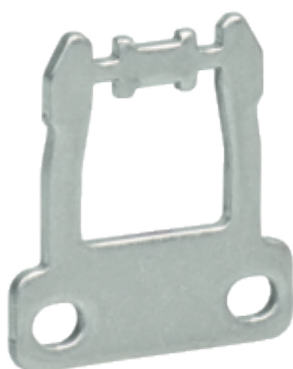


ID: kazm1k19

| 14,0 kB | .jpg | 112.889 x 36.336 mm - 320 x 103
Pixel - 72 dpi

System components

Actuator AZ 17



101122893 AZ 17/170-B1

- Particularly suitable for sliding doors



101137406 AZ 17/170-B1-2245

- Particularly suitable for sliding doors
- Particularly suitable for sliding doors
- Damps vibration on guard device



101122895 AZ 17/170-B5

- Particularly suitable for sliding doors
- Particularly suitable for sliding doors



101139788 AZ 17/170-B11

- Particularly suitable for sliding doors



101123391 AZM 170-B6

- Particularly suitable for hinged guards
- For very small actuating radii
- The direction of actuation can be selected by applicable insertion of the insert



101139789 AZ 17/170-B15

- Particularly suitable for sliding doors
- Particularly suitable for sliding doors

AZ 17 Accessories



101208493 AZM170-B

- for AZ 17 and AZM 170



101100887 AZM KEY (M5)

- For manual release using M5 triangular key, available as accessory
- For maintenance, installation, etc.



101150367 MS-AZM170P



101149211 MS-AZM170R/P

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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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