



AZM190-02/10RK-24VDC

- Thermoplastic enclosure
- Long life
- Interlock with protection against incorrect locking.
- 89 mm x 178 mm x 41 mm
- Actuating head can be repositioned by 4 x 90°
- 2 cable entries M 20 x 1.5
- Wiring compartment
- Slim design, particularly suitable for fitting on hinged doors, aluminium profiles and fencing
- Sealing mechanism to prevent the ingress of dirt
- Cut clamp termination

Data

Ordering data

Replacement article number	101029960
Product type description	AZM190-02/10RK-24VDC
Article number (order number)	131029960
EAN (European Article Number)	8905236105807
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

TÜV
cULus
CCC
EAC

General data

Standards	BG-GS-ET-19 EN IEC 60947-5-1
Coding level according to EN ISO 14119	Low
Working principle	electromechanical
Enclosure material	Glass-fibre, reinforced thermoplastic
Material of the contacts, electrical	Silver
Gross weight	480 g

General data - Features

Power to unlock	Yes
Manual release	Yes
Number of actuating directions	4
Number of auxiliary contacts	1
Number of cable glands	2
Number of safety contacts	2

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
B _{10D} Normally open contact (NO)	1,000,000 Operations

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Holding force	1,950 N
Latching force	20 N
Positive break force, minimum	20 N
Actuating speed, maximum	0.3 m/s

Mechanical data - Connection technique

Termination	Screw terminals
Cable entry	M20 cable gland
Cable section, minimum	1 x 0.5 mm ²
Cable section, maximum	1 x 1.5 mm ²
Note (Cable section)	All indications including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	41 mm
Width of sensor	52 mm
Height of sensor	178 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+50 °C

Ambient conditions - Insulation values

Rated insulation voltage U _i	250 V
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Rated impulse withstand voltage U_{imp} 4 kV

Electrical data

Thermal test current	4 A
Rated control voltage	24 VDC
Required rated short-circuit current to EN 60947-5-1	1,000 A
Electrical power consumption, maximum	8.5 W
Switching element	NO contact, NC contact
Switching principle	Slow action
Switching frequency	1.2 /h

Electrical data - Safety contacts

Voltage, Utilisation category AC-15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC-13	24 VDC
Current, Utilisation category DC-13	4 A

Electrical data - Auxiliary contacts

Voltage, Utilisation category AC-15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC-13	24 VDC
Current, Utilisation category DC-13	4 A

Other data

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

Scope of delivery

Actuators must be ordered separately.

Note

Note (Manual release)

front

For maintenance, installation, etc.

Ordering code

Product type description:
AZM190-(1)RK(2)(3)-(4)-(5)

(1)

02/01	Magnet: 2 NC contacts; actuator: 1 NC contact
02/02	Magnet: 2 NC contacts; actuator: 2 NC contacts
02/10	Magnet: 2 NC contacts; actuator: 1 NO contact
02/11	Magnet: 2 NC contacts; actuator: 1 NC contact/1 NO contact
11/01	Magnet: 1 NC contact/1 NO contact; actuator: 1 NC contact
11/02	Magnet: 1 NC contact/1 NO contact; actuator: 2 NC contacts
11/10	Magnet: 1 NC contact/1 NO contact; actuator: 1 NO contact
11/11	Magnet: 1 NC contact/1 NO contact; actuator: 1 NC contact/1 NO contact

(2)

without	Power to unlock
A	Power to lock

(3)

without	With manual release on the cover side
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E0	Without manual release
E1	With manual release from side (right)
N	Emergency release
T	Emergency exit

(4)

without	without LED switching conditions display
G	With LED switching conditions display (for 24 V AC/DC only; cannot be combined with -E1 and -T)

(5)

24VAC	Us: 24 VAC
24 VDC	Us: 24 VDC
48VAC	Us: 48 VAC
110VAC	Us: 110 VAC
230VAC	Us: 230 VAC

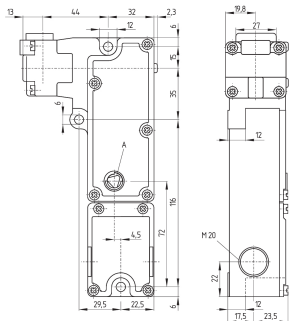
Pictures

Product picture (catalogue individual photo)



ID: kazm1f76
 | 626.6 kB | .jpg | 352.778 x 642.761 mm - 1000 x 1822 px - 72 dpi
 | 67.4 kB | .png | 74.083 x 134.761 mm - 210 x 382 px - 72 dpi

Dimensional drawing basic component



ID: kazm1g26

| 109.5 kB | .ai | 210.002 x 297 mm - 595 x 841 px - 72 dpi

| 6.9 kB | .png | 74.083 x 83.256 mm - 210 x 236 px - 72 dpi

| 203.5 kB | .jpg | 352.778 x 396.522 mm - 1000 x 1124 px - 72 dpi

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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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