



AZM190-11/02RKAE0-24VDC

- 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	103006292
Product type description	AZM190-11/02RKAE0-24VDC
Article number (order number)	133006292
EAN (European Article Number)	8905236101236
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 ISO 13849-1 EN ISO 14119 EN IEC 60947-5-1
Coding level according to EN ISO 14119	Low
Working principle	electromechanical
Housing material	Glass-fibre, reinforced thermoplastic
Gross weight	480 g

General data - Features

Power to lock	Yes
Number of actuating directions	4
Number of auxiliary contacts	1
Number of safety contacts	3
Number of cable glands	2

Safety classification

Standards	EN ISO 13849-1
Performance Level, up to	c
Category	1
B _{10D} Normally-closed contact (NC)	2,000,000 Operations
Note	Electrical life on request.

B _{10D} Normally-open contact (NO)	1,000,000 Operations
Note	at 10% I _e and ohmic load
Mission time	20 Year(s)

Safety classification - Fault exclusion

Please note:	Can be used when fault exclusion for dangerous damage to the 1-channel mechanism is permissible and sufficient protection against manipulation is guaranteed.
Performance Level, up to	d
Category	3
Note	for 2-channel use and with suitable logic unit.
Mission time	20 Year(s)

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Holding force F _{zh} in accordance with EN ISO 14119	1,950 N
Holding force F _{max} , maximum	2,550 N
Latching force	20 N
Positive break force, minimum	20 N
Actuating speed, maximum	0.3 m/s
Mounting	Screws
Type of the fixing screws	2x M5

Mechanical data - Connection technique

Cable entry	2 x M20 x 1,5
Termination	Screw terminals

Cable section, minimum	0.5 mm ²
Cable section, maximum	1.5 mm ²
Note	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	IP65 IP67
Ambient temperature	-25 ... +55 °C
Note (Relative humidity)	non-condensing non-icing
Protection class	II

Ambient conditions - Insulation values

Rated insulation voltage U_i	250 VAC
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	1,000 A
Electrical power consumption, maximum	8.5 W
Switching element	NO contact, NC contact
Switching principle	slow action, positive break NC contact

Maximum switching frequency 1,200 /h

Material of the contacts, electrical Silver

Electrical data - Magnet control

Magnet switch-on time 100 %

Test pulse duration, maximum 5 ms

Test pulse interval, minimum 50 ms

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
---------------------	--

Scope of delivery

Scope of delivery	Actuator must be ordered separately.
-------------------	--------------------------------------

Note

Note (General)	Interlocks with the power to lock principle may only be used in special cases after a thorough evaluation of the accident risk, since the guarding device can immediately be opened on failure of the electrical power supply or when the main switch is opened.
----------------	--

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

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)

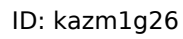


ID: kazm1f76

| 619.5 kB | .jpg | 352.778 x 642.761 mm - 1000 x 1822 px - 72 dpi

| 82.1 kB | .png | 74.083 x 134.761 mm - 210 x 382 px - 72 dpi

Dimensional drawing basic component



| 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

Generated on: 26/12/2024, 6:47 am