

AZM190-11/01RKN-24VDC



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

Data

Ordering data

	AZM190-11/01RKN-24VDC
	131030169
EAN (European Article Number)	8905236105678
eCl@ss number, Version 9.0	27-27-26-03
Replacement article number	101030169

Approval - Standards

TÜV
cULus
CCC
EAC

General data

	AZM 190
	EN 60947-5-1
	BG-GS-ET-19
Coding level according to ISO 14119	Low
Active principle	electromechanical
Enclosure material	Glass-fibre, reinforced thermoplastic

Material of the contacts, electrical	Silver
Gross weight	500 g

General data - Features

Power to unlock	Yes
Emergency release	Yes
Number of actuating directions	4
Number of auxiliary contacts	2
Number of safety contacts	1

Safety appraisal

	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

Mechanical data

Mechanical life, minimum	1,000,000 Operations
Clamping 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

Terminal Connector	Screw terminals 1 x 0.5 mm ² 1 x 1.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

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

Ambient conditions

Protection class	IP 67 to IEC/EN 60529
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+50 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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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	Creep circuit element
Switching frequency	1.2 /h

Electrical data - Safety contacts

Voltage, Utilisation category AC15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC13	24 VDC
Current, Utilisation category DC13	4 A

Electrical data - Auxiliary contacts

Voltage, Utilisation category AC15	230 VAC
Current, Utilisation category AC-15	4 A
Voltage, Utilisation category DC13	24 VDC
Current, Utilisation category DC13	4 A

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 (Manual release)	front
Note (Emergency release)	For cases of danger Mounting only outside the guarded area

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

Photo/Product/Catalogue

