



## AZM190-02/01RK-MPV-230VAC-2858

- 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

EAN (European Article Number)	8905236101212
eCl@ss number, Version 9.0	27-27-26-03
eCl@ss number, Version 11.0	27-27-26-03
Replacement article number	103007268

### Approval - Standards

Certificates	cULus CCC EAC
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### General data

Standards	EN 60947-5-1 BG-GS-ET-19
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Coding level according to ISO 14119	Low
Active principle	electromechanical
Enclosure material	Glass-fibre, reinforced thermoplastic
Material of the contacts, electrical	Silver
Gross weight	574 g

## General data - Features

Power to unlock	Yes
Number of actuating directions	4
Number of safety contacts	3

## Safety appraisal

Standards	EN 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
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Cable section, minimum	1 x 0.5 mm <sup>2</sup>
Cable section, maximum	1 x 1.5 mm <sup>2</sup>
Note (Cable section)	All indications about the cable section are 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 to EN 60529
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+50 °C

### Ambient conditions - Insulation value

Rated insulation voltage $U_i$	250 V
Rated impulse withstand voltage $U_{imp}$	4 kV

### Electrical data

Thermal test current	4 A
Rated control voltage	230 VAC
Required rated short-circuit current to EN 60947-5-1	1,000 A
Electrical power consumption, maximum	8.5 W
Switching element	Opener (NC)
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 For maintenance, installation, etc.
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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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