



## AZM150SK-02/11RA-024

- Thermoplastic enclosure
- Eight approach levels thanks to rotating head
- Individually coded version with coding level "High" according to ISO 14119
- Simple fitting, especially on 40 mm profiles

## Data

### Ordering data

EAN (European Article Number)	4030661547343
eCl@ss number, Version 9.0	27-27-26-03
eCl@ss number, Version 11.0	27-27-26-03

### Approval - Standards

Certificates	TÜV cULus CCC EAC
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### General data

Standards	EN 60947-5-1 EN ISO 14119
Coding level according to ISO 14119	Low
Active principle	electromechanical
Enclosure material	Thermoplastic, Polyamide PA 6 GF
Material of the contacts, electrical	Silver

Gross weight	592.8 g
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### General data - Features

Power to lock	Yes
Manual release	Yes
Number of actuating directions	2
Number of auxiliary contacts	1
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
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### Mechanical data

Mechanical life, minimum	1,000,000 Operations
Clamping force in accordance with ISO14119 $F_{zh}$	1,500 N
Clamping force, maximum $F_{max}$	1,950 N
Latching force, approx.	50 N
positive break travel	10 mm
Positive break force, minimum	40 N
Actuating speed, maximum	0.2 m/s
Mounting	Screws

### Mechanical data - Connection technique

Terminal Connector	Screw terminals
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Cable entry	3 x M20 x 1,5
Cable section, minimum	1 x 0.25 mm <sup>2</sup>
Cable section, maximum	1 x 2.5 mm <sup>2</sup>

### Mechanical data - Dimensions

Length of sensor	48 mm
Width of sensor	40 mm
Height of sensor	204 mm

### Ambient conditions

Degree of protection	IP65 to EN 60529 IP67 to EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+55 °C
Storage and transport temperature, minimum	-40 °C
Storage and transport temperature, maximum	+85 °C

### Ambient conditions - Insulation value

Rated insulation voltage $U_i$	300 V
Rated impulse withstand voltage $U_{imp}$	4 kV

### Electrical data

Thermal test current	5 A
Rated control voltage	24 VDC
Required rated short-circuit current to EN 60947-5-1	400 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	3 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	2.5 A

Electrical power consumption, maximum	8.5 W
Switching element	NC contact, NO contact
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 (Manual release)	For maintenance, installation, etc. By means of M5 triangular key
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### Ordering code

Product type description:  
AZM150SK-(1)R(2)(3)(4)-(5)-(6)

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<b>02/11</b>	Magnet: 2 NC contacts; actuator: 1 NC contact/1 NO contact
<b>11/11</b>	Magnet: 1 NC contact/1 NO contact; actuator: 1 NC contact/1 NO contact
<b>11/02</b>	Magnet: 1 NC contact/1 NO contact; actuator: 2 NC contacts
<b>02/02</b>	Magnet: 2 NC contacts; actuator: 2 NC contacts

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(2)

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<b>without</b>	Standard coding
<b>I</b>	Individual coding

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(3)

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<b>without</b>	Power to unlock
<b>A</b>	Power to lock

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(4)

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<b>without</b>	Manual release on the cover side
<b>T</b>	Emergency exit on the cover side
<b>N</b>	Emergency release

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(5)

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<b>24 VDC</b>	Us: 24 VDC
<b>110VAC</b>	Us: 110 VAC
<b>230VAC</b>	Us: 230 VAC

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<b>Note:</b>	Actuator inclusive with individually coded device versions I:
<b>B1</b>	with actuator B1
<b>B5</b>	with actuator B5
<b>B6L</b>	with actuator B6L
<b>B6R</b>	with actuator B6R

## Documents

### Operating instructions and Declaration of conformity

AZM150 V2 (2.8 MB, 08/26/2021, B)

### Operating instructions (supplementary sheet/quick guide)

MP-AZM150 (226.1 kB, 02/15/2021)

### UL Certificate

AZM150 (806.9 kB, 08/16/2021)

### CCC certification

AZM150 (4.2 MB, 03/02/2021)

### Brochure

AZM150 - The slim solenoid interlock (2.1 MB, 12/14/2020)

## Pictures

### Product picture (catalogue individual photo)



ID: azm150-1

| 75.5 kB | .png | 74.083 x 200.025 mm - 210 x 567 px - 72 dpi

| 948.1 kB | .jpg | 352.778 x 953.558 mm - 1000 x 2703 px - 72 dpi

| 102.5 kB | .jpg | 27.093 x 73.237 mm - 320 x 865 px - 300 dpi

## System components

## Accessories

### SZ150-1



## Actuator



### AZM150-B1

- Straight actuator
- Particularly suitable for sliding doors



### AZM150-B5

- Angled actuator
- Particularly suitable for sliding doors



### AZM150-B6

- Flexible actuator
- Particularly suitable for hinged guards

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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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