



AZM 170-11ZRKA 230VAC

- 1 Cable entry M 20 x 1.5
- IDC method of termination
- Manual release
- Thermoplastic enclosure
- Double-insulated
- Compact design
- 90 mm x 84 mm x 30 mm
- Interlock with protection against incorrect locking.
- Long life
- High holding force

Data

Ordering data

EAN (European Article Number)	4030661056258
eCl@ss number, Version 9.0	27-27-26-03
eCl@ss number, Version 11.0	27-27-26-03

Approval - Standards

Certificates	BG
	cULus
	CCC
	EAC

General data

Standards	EN 60947-5-1
	BG-GS-ET-19

Coding level according to ISO 14119	Low
Active principle	electromechanical
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Gross weight	320 g

General data - Features

Power to lock	Yes
Manual release	Yes
Number of actuating directions	2
Number of auxiliary contacts	1
Number of safety contacts	1

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}	1,000 N
Latching force	30 N
positive break travel	11 mm
Positive break force, minimum	8.5 N
Actuating speed, maximum	2 m/s

Mechanical data - Connection technique

Terminal Connector	IDC method of termination
Cable section, minimum	1 x 0.75 mm ²
Cable section, maximum	1 x 1.0 mm ² , flexible

Mechanical data - Dimensions

Length of sensor	30 mm
Width of sensor	90 mm
Height of sensor	84 mm

Ambient conditions

Degree of protection	IP67 to EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+60 °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	6 A
Rated control voltage	230 VAC
Required rated short-circuit current to EN 60947-5-1	1,000 A
Utilisation category AC-15	230 VAC
Electrical power consumption, maximum	10 W
Switching element	NO contact, NC contact

Note (Switching element)	Change-over contact with double break, type Zb or 2 NC contacts, with galvanically separated contact bridges
Switching principle	Creep circuit element
Switching frequency	1,000 /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 (General)	This type termination (IDC) method enables simple connection of flexible conductors without the need for the use of conductor ferrules
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Note (Manual release)

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For manual release using M5 triangular key, available as accessory

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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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