



AZM190-02/01RK-230VAC

- 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)	8905236102271
eCl@ss number, Version 9.0	27-27-26-03
eCl@ss number, Version 11.0	27-27-26-03
Replacement article number	101182119

Approval - Standards

Certificates	TÜV
	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	Glass-fibre, reinforced thermoplastic
Material of the contacts, electrical	Silver
Gross weight	480 g

General data - Features

Power to unlock	Yes
Manual release	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
Cable section, minimum	1 x 0.5 mm ²
Cable section, maximum	1 x 1.5 mm ²
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 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
---------------------	--

Scope of delivery

Included in delivery	Actuators must be ordered separately.
----------------------	---------------------------------------

Notes

Note (Manual release)	front For maintenance, installation, etc.
-----------------------	--

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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.

Generated on: 11/9/2021, 10:20 AM