

Product No: 101140788

SCHMERSAL AZM170-11ZRK-24VAC/DC SOLENOID INTERLOCK 101140788

FEATURES

- Safety switch with separate actuator
- Thermoplastic enclosure with higher latching force
- Safety contacts: 2 NC (Normally Closed)
- Terminal connector: M12 4-pole connector plug (A-coding)
- Switching element type: Opener (NC)
- Thermal test current: 10 A
- Utilisation category AC-15: 230 VAC, 4 A
- Utilisation category DC-13: 24 VDC, 4 A



Note: Contact symbols shown for the closed condition of the guard device. | The contact configuration for versions with or without LED is identical.

General Information	
Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
Coding Level According to EN ISO 14119	High
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-06-07
eCl@ss Number, Version 9.0	27-27-06-09
ETIM 6.0	EC002591
ETIM 7.0	EC002544
Housing Construction Form	Norm construction design
Product Type	Solenoid
Protection Class of Operating Resource	3
Series	AZM170
Working Principle	Electromechanical
Technical Attributes	
No. of Auxiliary Contacts	1
Contact Material	Silver

Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	4122
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	5000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	2.5 A

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Brass
Gross Weight (g)	1144.8
Maximum Ambient Temperature (°C)	70
Maximum Temperature (°C)	60
Minimum Ambient Temperature (°C)	-25
Minimum Temperature (°C)	-25
Mounting Type	A screw length of 25 mm is sufficient for sensor mounting and for side mounting of the actuators. 30 mm long screws are recommended when the actuator is mounted upright and/or when the sealing discs are used.
Net Weight (g)	1180
Storage Temperature (°C)	-25 to 85

Dimensions

Height (mm)	75
Sensor Height (mm)	25
Sensor Length (mm)	31

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards	EN IEC 60947-5-1 / EN ISO 14119 / BG-GS-ET-15

Resources

Product catalogue (Flipbook)	Download from here
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