

Product No: 101144796

SCHMERSAL AZ/AZM 415-B2 SOLENOID INTERLOCK 101144796

FEATURES

- Safety sensor with thermoplastic enclosure
- Actuating element: Magnet
- Cable length: 1 meter
- ISO thread of the sensor: M12
- Number of safety contacts: 2
- Switching voltage: 100 V AC/DC
- Switching current: 0.25 A
- Switching capacity: 3 W



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	Low
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-26-03
eCl@ss Number, Version 9.0	27-37-12-43
ETIM 6.0	EC002033
ETIM 7.0	EC002925
Housing Construction Form	Norm construction design
Product Type	Accessory
Series	AZM415
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	0.5
Maximum Cable Cross Section (mm ²)	1 x 1.0 , flexible

Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	400
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	Opener (NC)
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Thermal Test Current (A)	16
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Roller lever H65
Enclosure Coating Material	Painted
Enclosure Material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross Weight (g)	50
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	360
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.14 mm

Dimensions

Sensor Height (mm)	92.5
Sensor Length (mm)	46.5

Protection & Standards

Degree of Protection

IP65

Standards

EN IEC 60947-5-3 / BG-GS-ET-14

Resources

Product catalogue (Flipbook)

[Download from here](#)