

Product No: 101142540

SCHMERSAL AZ/AZM 415-B4PS SOLENOID INTERLOCK 101142540



FEATURES

- Thermoplastic enclosure door locking device
- Manual release with fail-safe locking system
- Integrated safety functions
- One auxiliary contact and one safety contact
- Single door leaf compatibility
- Roller lever H65 actuating element for operation
- Designed for left-hand alignment
- Rear-side mounting holes for installation
- Latching bolt X-dimension of 11.5 mm

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	27-37-12-11
eCl@ss Number, Version 9.0	27-37-12-12
ETIM 6.0	EC001038
ETIM 7.0	EC000221
Housing Construction Form	Norm construction design
Product Type	Accessory
Series	AZM415
Working Principle	Electromechanical

Technical Attributes	
No. of Auxiliary Contacts	2
Contact Material	Silver
Maximum Actuating Speed (m/s)	0.5

Maximum Fuse Rating	6 A gG D-fuse quick blow
Minimum Actuating Speed (mm/min)	60
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	20000000 Operations
Minimum Positive Break Force (N)	15
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	2.5
Rated Insulation Voltage (V)	250
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	Opener (NC)
Switching Principle	Slow action
Terminal Type	Flat plug-in connector - 6.3 mm x 0.8 mm / 2 x 2.8 mm x 0.8 mm
Thermal Test Current (A)	0.25
Utilisation Category	DC-13 AC-15
Utilisation Category AC-15	2.5 A
Utilisation Category DC-13	1.5 A

Physical Attributes

Actuator Type	Pull strap
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	30
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	30
Storage Temperature (°C)	-25 to 85
Wire Cross-Section	13 AWG

Dimensions

Height (mm)	98
Sensor Height (mm)	100.5
Sensor Length (mm)	46.5

Protection & Standards

Degree of Protection	IP65
Pollution Degree	3
Standards	EN IEC 60947-5-3 / BG-GS-ET-14

Resources

Product catalogue (Flipbook)	Download from here
------------------------------	------------------------------------