

Product No: 101143125

SCHMERSAL AZ16-02ZVRK-ST SAFETY SWITCH WITH SEPARATE ACTUATOR 101143125

FEATURES

- Safety switch with separate actuator
- Thermoplastic enclosure
- Auxiliary contacts: 1
- Safety contacts: 1
- Terminal Connector: Connector plug M12 4-pole (A-coding)
- Switching element includes NO contact and NC contact
- Thermal test current: 10 A
- Utilisation category AC-15: 230 VAC, 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	Low
EAN	4030660000000
eCl@ss Number, Version 11.0	27-37-12-13
eCl@ss Number, Version 9.0	27-37-12-11
ETIM 6.0	EC000223
ETIM 7.0	EC000223
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Series	AZ16
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	2
Contact Material	Silver

Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	6 A gG D-fuse quick blow
Minimum Actuating Speed (mm/min)	10
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	50
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	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Roller lever H65 and bearing block B2
Enclosure Coating Material	Painted
Enclosure Material	Plastic
Gross Weight (g)	50
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Minimum Temperature (°C)	-30
Net Weight (g)	30
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	13 AWG

Dimensions

Height (mm)	98
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Sensor Height (mm)	100.5
Sensor Length (mm)	56.5

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards	EN IEC 60947-5-1

Resources

Product catalogue (Flipbook)	Download from here
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