

Product No: 101150053

SCHMERSAL AZ 16-12ZIB1-M16-2053 SAFETY SWITCH WITH SEPARATE ACTUATOR 101150053



General Information

Brand	SCHMERSAL
Included	Tamperproof Screws

Technical Attributes

No. of Auxiliary Contacts	1
Switching Frequency	4000/h
Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Storage Temperature (°C)	85
Minimum Actuating Radius (mm)	250 mm
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	1000000 Operations
Minimum Storage Temperature (°C)	-40
No. of Safety Contacts	2
Positive Break Travel (mm)	8
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Operational Current AC-15 (A)	Safety Contacts - 4A
Rated Operational Current DC-13 (A)	Safety Contacts - 4A
Rated Short-circuit Current (A)	1000

Switching Element	NO Contact, NC Contact
Switching Principle	Slow Action, Positive Break NC Contact
Termination	Screw Terminals
Thermal Test Current (A)	10

Physical Attributes

Actuator Material	Stainless Steel
Actuator Type	Straight
Cable Entry	3 x M16 x 1.5
Housing Material	Plastic, Glass-fibre Reinforced Thermoplastic, Self-extinguishing
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-30

Dimensions

Sensor Height (mm)	90
Sensor Length (mm)	30
Sensor Width (mm)	52

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards and Approvals	EN IEC 60947-5-1, EN ISO 13849-1

Resources

Product catalogue (Flipbook)	Download from here
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