

Product No: 101150050

SCHMERSAL AZ16-12ZI-B1-M16 SAFETY SWITCH WITH SEPARATE ACTUATOR 101150050

Note: The axis of the hinge must be 11 mm above and in a parallel plane to the top surface of the safety switch. | Actuating radius adjustable, minimum 50 mm, using an hexagonal key wrench SW 2 mm (a and b) | The actuator is not available separately.



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	27-37-12-13
eCl@ss Number, Version 9.0	27-37-12-13
ETIM 6.0	EC000222
ETIM 7.0	EC000223
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Series	AZ16
Working Principle	Optoelectronic

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	0.3
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm ²)	2 x 0.75
Minimum Mechanical Life	1000000000 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)	400
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	15 / 11
Switching Element	Opener (NC)
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category AC-15	1.5 A
Utilisation Category DC-13	0.25 A

Physical Attributes

Actuator Type	Roller lever
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	962.98
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Minimum Temperature (°C)	-30
Net Weight (g)	35
Storage Temperature (°C)	-40 to 85
Wire Cross-Section	13 AWG

Dimensions

Sensor Height (mm)	25
Sensor Length (mm)	30

Protection & Standards

Degree of Protection	IP67
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Standards

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

Resources

Product catalogue (Flipbook)

[Download from here](#)
