

Product No: 101095558

SCHMERSAL AZ 15/16-B2 SAFETY SWITCH WITH SEPARATE ACTUATOR 101095558

FEATURES

- Safety switch with separate actuator
- Flexible actuator design
- Actuator type: angled/flexible
- Actuating radius: 32 mm



Note: The opening and closing functions depend on the direction of actuation, the actuating magnets and the polarity of the actuating magnets. | When the switches and actuators come together, the colours must coincide: Red (S) to red (S) and green (N) to green (N). This does not apply to the bistable contact. | The switch is to be mounted on iron with a non-magnetic layer of at least 20 mm.

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	27-27-26-02
eCl@ss Number, Version 9.0	27-27-26-02
ETIM 6.0	EC000030
ETIM 7.0	EC000030
Housing Construction Form	Norm construction design
Product Type	Accessory
Protection Class of Operating Resource	1
Recommended Actuator	AZ/AZM201-B1 AZ/AZM201-B30
Recommended Safety Switchgear	SRB 301AN
Series	AZ15/16
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	2
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Design of Control Element	Short-circuit proof, p-type
Latching Force (N)	30
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Holding Force (N)	2600
Maximum Switching Capacity (W)	0.24
Minimum Actuating Force (N)	17
Minimum Actuating Speed (mm/min)	120
Minimum Cable Cross Section (mm ²)	2 x 0.75
Minimum Mechanical Life	100000 Operations
Minimum Positive Break Force (N)	19
No. of Actuating Directions	3
No. of Normally-open Contacts	1
No. of Safety Contacts	2
Overvoltage Category	3
Positive Break Travel (mm)	11
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	300
Rated Operating Current (mA)	50
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	30 / 11
Switching Element	1 NO contact, 1 NC contacts
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	1.5 A

Physical Attributes

Actuator Type	Plunger
Enclosure Coating Material	Painted
Enclosure Material	shock-proof thermoplastic

Gross Weight (g)	1000
Installation Conditions	Quasi-flush
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25
Mounting Type	Screws
Net Weight (g)	1970
Storage Temperature (°C)	-40 to 85
Wire Cross-Section	13 AWG

Dimensions

Cable Length (m)	1
Depth (mm)	115
Height (mm)	80
Sensor Height (mm)	92.5
Sensor Length (mm)	30
Width (mm)	285

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
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