

Product No: 101096089

SCHMERSAL AZ15/16-B2-1747 WITH MAGNETIC LATCH SAFETY SWITCH WITH SEPARATE ACTUATOR 101096089

FEATURES

- Material: Steel
- Pull wire length: 500 m
- Pull wire diameter: 5 mm
- Steel core diameter: 3 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	27-20-10-01
eCl@ss Number, Version 9.0	27-20-10-01
ETIM 6.0	EC001449
ETIM 7.0	EC000030
Housing Construction Form	Norm construction design
Product Type	Accessory
Protection Class of Operating Resource	2
Recommended Actuator	AZ/AZM201-B1 AZ/AZM201-B30
Recommended Safety Switchgear	SRB-E-301ST SRB-E-201LC
Series	AZ15/16
Working Principle	Mechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Design of Control Element	p-type

Maximum Actuating Speed (m/s)	2
Maximum Bounce Duration (ms)	5
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Switching Capacity (W)	0.24
Minimum Actuating Force (N)	9
Minimum Actuating Speed (mm/min)	1440
Minimum Cable Cross Section (mm ²)	1.5
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)	4
Rated Insulation Voltage (V)	300
Rated Operating Current (mA)	700
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	30 / 11
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.25 A

Physical Attributes

Actuator Type	Offset roller lever
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	600
Installation Conditions	Quasi-flush

Maximum Ambient Temperature (°C)	120
Minimum Ambient Temperature (°C)	-25
Mounting Type	Screws
Net Weight (g)	22.641
Storage Temperature (°C)	-40 to 85
Wire Cross-Section	0.25 mm

Dimensions

Cable Length (m)	1
Depth (mm)	121
Height (mm)	80
Sensor Height (mm)	92.5
Sensor Length (mm)	33
Width (mm)	165

Protection & Standards

Degree of Protection	IP66 / IP67
Pollution Degree	3
Standards	EN IEC 60947-5-1

Resources

Product catalogue (Flipbook)	Download from here
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