

Product No:101126794

SCHMERSAL AZ15/16-B1-2177 WITH CENTERING GUIDE SAFETY SWITCH WITH SEPARATE ACTUATOR 101126794

FEATURES

- Inductive proximity switch with a smooth cylindrical design
- Operating voltage range of 10 to 60 VDC
- Maximum output current of 400 mA
- Switching distance of 10 mm
- Equipped with both NO (Normally Open) and NC (Normally Closed) contacts
- Long-lasting plastic enclosure material
- Cable length of 2 meters for connectivity
- High switching frequency of 3,500 Hz for responsive operation



Note: Switch with 2 NO contacts are not for security tasks

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	27-27-26-01
eCl@ss Number, Version 9.0	27-37-12-19
ETIM 6.0	EC001260
ETIM 7.0	EC001020
Housing Construction Form	Norm construction design
Product Type	Accessory
Protection Class of Operating Resource	3
Recommended Safety Switchgear	PROTECT PSC1 SRB-E-301ST SRB-E-201LC
Series	AZ15/16
Working Principle	Magnetic drive

Technical Attributes	
No. of Auxiliary Contacts	1

Contact Material	Silver-nickel alloy 10
Maximum Actuating Speed (m/s)	0.5
Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	240
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	19
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	2.5
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	1 NO contact, 1 NC contacts
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross Weight (g)	25
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	0
Mounting Type	Snaps onto standard DIN rail to EN 60715
Net Weight (g)	170
Storage Temperature (°C)	-25 to 70

Wire Cross-Section	0.75 mm
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Dimensions

Height (mm)	14
Sensor Height (mm)	105
Sensor Length (mm)	57
Width (mm)	67.5

Protection & Standards

Degree of Protection	IP65
Pollution Degree	3
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
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