

Product No: 101122854

SCHMERSAL AZ17-02ZI-B5 SAFETY SWITCH WITH SEPARATE ACTUATOR 101122854

FEATURES

- Safety switch with separate actuator
- Thermoplastic enclosure
- Suitable for hinged guards
- Auxiliary contacts: 1
- Safety contacts: 1
- Terminal Connector: IDC method of termination
- Switching element includes NO contact and NC contact
- Thermal test current: 10 A

Note: In case of failure (interruption of the 0 V supply) the maximum leakage current is 1 mA.

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	27-27-24-03
eCl@ss Number, Version 9.0	27-27-26-01
ETIM 6.0	EC000030
ETIM 7.0	EC002593
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Protection Class of Operating Resource	2
Recommended Safety Switchgear	PROTECT PSC1 SRB-E-301ST SRB-E-201LC
Series	AZ17
Working Principle	Magnetic drive

Technical Attributes	
No. of Auxiliary Contacts	2

Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Switching Capacity (W)	7.2
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	400
Rated Operating Current (mA)	50
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	110 / 4 - 30 / 18
Switching Element	1 NO contact, 2 NC contacts
Switching Principle	Snap action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Metal, zinc die-cast
Gross Weight (g)	650
Installation Conditions	Arbitrarily
Maximum Ambient Temperature (°C)	50
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Minimum Temperature (°C)	-30
Mounting Type	Snaps onto standard DIN rail to EN 60715
Net Weight (g)	200

Storage Temperature (°C)	25 to 85
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Wire Cross-Section	0.75 mm
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Dimensions

Height (mm)	69
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Sensor Height (mm)	74.1
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Sensor Length (mm)	30
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Width (mm)	45
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Protection & Standards

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

Product catalogue (Flipbook)	Download from here
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