

Product No: 101154000

SCHMERSAL AZ415-11/11ZPK-M20 SAFETY SWITCH WITH SEPARATE ACTUATOR 101154000

FEATURES

- Safety-related tactile sensor
- Part of the SE-400C series by Schmersal
- Stop-Category 0 for emergency stop functions
- Features electronic fuse and wire breakage detection
- Short-circuit recognition capability
- Includes start input and feedback circuit
- Automatic reset function with reset edge detection
- Resets after disconnection of supply voltage
- Earth connection detection feature included

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	Low
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-27-92
eCl@ss Number, Version 9.0	27-06-03-11
ETIM 6.0	EC002887
ETIM 7.0	EC001029
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Series	AZ415
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver

Maximum Cable Cross Section (mm ²)	1 x 1.5 , flexible
Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	40
No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	250
Rated Short-circuit Current (A)	1000
Switching Element	Normally open contact (NO)
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Roller lever
Enclosure Material	Aluminium
Gross Weight (g)	65
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	80
Minimum Ambient Temperature (°C)	-30
Minimum Temperature (°C)	-25
Net Weight (g)	35
Storage Temperature (°C)	-40 to 85
Wire Cross-Section	0.25 mm

Dimensions

Sensor Height (mm)	171.5
Sensor Length (mm)	33

Protection & Standards

Degree of Protection	IP67
Standards	EN IEC 61076-2-111

Resources

Product catalogue (Flipbook)	Download from here
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