

Product No: 101139818

SCHMERSAL BP15SS SAFETY SENSOR 101139818

FEATURES

- Actuator Type: Long angled actuator
- Material: Stainless steel
- Actuating Radius: 140 mm



Note: Contact symbols shown for the closed condition of the guard device.

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	27-27-06-09
eCl@ss Number, Version 9.0	27-27-24-04
ETIM 6.0	EC000030
ETIM 7.0	EC000030
Housing Construction Form	Norm construction design
Product Type	Accessory
Protection Class of Operating Resource	3
Series	BP
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	2
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm ²)	0.5

Minimum Positive Break Force (N)	16
No. of Safety Contacts	2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	Normally open contact (NO)
Switching Principle	Snap 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	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	50
Maximum Ambient Temperature (°C)	65
Minimum Ambient Temperature (°C)	-30
Mounting Type	A screw length of 25 mm is sufficient for sensor mounting and for side mounting of the actuators. 30 mm long screws are recommended when the actuator is mounted upright and/or when the sealing discs are used.
Net Weight (g)	30
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	11 AWG

Dimensions

Height (mm)	100
Sensor Height (mm)	101.5
Sensor Length (mm)	30

Protection & Standards

Degree of Protection	IP00
Pollution Degree	3
Standards	EN IEC 60947-5-1 / EN IEC 60947-1

Resources

Product catalogue (Flipbook)	Download from here
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