

Product No: 101120594

SCHMERSAL BPS250 SAFETY SENSOR 101120594

FEATURES

- Enclosure Material: Thermoplastic
- Actuating Element: Roller lever
- Switching Elements: 1 NO contact, 1 NC contact
- Thermal Test Current: 10 A
- Utilisation Category AC-15: 230 VAC, 4 A
- Utilisation Category DC-13: 24 VDC, 4 A
- IP Rating: IP67 for dust and water resistance



Note: Individual coding available on request

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	27-27-34-91
eCl@ss Number, Version 9.0	27-27-26-01
ETIM 6.0	EC000030
ETIM 7.0	EC000222
Housing Construction Form	Norm construction design
Product Type	Accessory
Protection Class of Operating Resource	2
Recommended Safety Switchgear	SRB-E-301ST SRB-E-201LC
Series	BPS250
Working Principle	Magnetic drive

Technical Attributes

No. of Auxiliary Contacts	3
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
Maximum Switching Capacity (W)	10
Minimum Actuating Speed (mm/min)	1440
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	40
No. of Safety Contacts	2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	300
Rated Operating Current (mA)	1200
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	110 / 4 - 30 / 18
Switching Element	1 NO contact, 2 NC contacts
Switching Principle	Slow action
Terminal Type	Spring pulley connection
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	345
Installation Conditions	Quasi-flush
Maximum Ambient Temperature (°C)	75
Minimum Ambient Temperature (°C)	-30
Mounting Type	Snaps onto standard DIN rail to EN 60715
Net Weight (g)	40
Storage Temperature (°C)	-25 to 80
Wire Cross-Section	0.14 mm

Dimensions

Height (mm)	69
Sensor Height (mm)	1171
Sensor Length (mm)	42.5
Width (mm)	45

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards	EN IEC 60947-5-1 / BG-GS-ET-15

Resources

Product catalogue (Flipbook)	Download from here
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