

## Product No: 101190052

### SCHMERSAL BPS36-1 SAFETY SENSOR 101190052

#### FEATURES

- Safety sensor with thermoplastic enclosure
- Features coding and integral system diagnostics
- Equipped with 2 safety contacts and 4 cable wires
- Utilizes a magnet as the actuating element
- Designed for right door hinge applications
- Includes a 1m cable with terminal connector
- Switching voltage rated at 24 VDC with a switching current of 0.01 A
- Switching capacity of 0.2 W
- Part of the BNS36 series by Schmersal



#### General Information

Brand	SCHMERSAL
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-27-04
eCl@ss Number, Version 9.0	27-27-09-03
ETIM 6.0	EC002549
ETIM 7.0	EC000030
Product Type	Accessory
Series	BPS36

#### Technical Attributes

Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm <sup>2</sup> )	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm <sup>2</sup> )	0.25
Minimum Mechanical Life	20000000 Operations
No. of Safety Contacts	4
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	50

Switching Principle	Slow action
Terminal Type	Screw terminals
Thermal Test Current (A)	0.25
Utilisation Category	AC-15
Utilisation Category AC-15	230 VAC
Utilisation Category DC-13	200 VDC

### Physical Attributes

Enclosure Material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Gross Weight (g)	110.87
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-30
Net Weight (g)	116.04

### Dimensions

Sensor Height (mm)	204
Sensor Length (mm)	30

### Protection & Standards

Degree of Protection	IP69
Standards	EN IEC 60947-5-1 / EN ISO 13849-1 / EN IEC 61508 / EN IEC 60204-1 / EN IEC 60947-5-3 / EN IEC 62061 / EN IEC 60947-5-5 / EN IEC 60947-1

### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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