

Product No:101128196

SCHMERSAL BNS33-12ZG-2187 SAFETY SENSOR 101128196

FEATURES

- Safety sensor with thermoplastic enclosure
- Features coding and requires an evaluation unit
- Equipped with 2 openers and 1 shutter
- Lateral active area with a magnetic actuating element
- Comes with a terminal connector cable, 1 meter in length
- Operates at a switching voltage of 100 V AC/DC
- Switching current rated at 0.25 A with a switching capacity of 10 W
- Part of the BNS33 series
- Nominal power of 10 W



Note: Instead of nuts, a mounting clamp can be provided.

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	27-37-12-11
eCl@ss Number, Version 9.0	27-37-12-11
ETIM 6.0	EC000223
ETIM 7.0	EC000030
Housing Construction Form	Norm construction design
Product Type	Safety Sensor
Protection Class of Operating Resource	3
Series	BNS33
Working Principle	Mechanical

Technical Attributes

No. of Auxiliary Contacts	2
Contact Material	Silver

Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	1.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	10
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	17
No. of Safety Contacts	1
Nominal Output Current (A)	0.01
Nominal Power (W)	0.2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	400
Rated Maximum Operational Voltage DC (V)	24
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	NC contact, NO contact
Switching Principle	Slow action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes	
Actuator Type	Magnet
Enclosure Coating Material	Painted
Enclosure Material	Plastic, glass-fibre reinforced thermoplastic, zinc die-cast, chromated
Gross Weight (g)	20
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25

Minimum Temperature (°C)	-25
Mounting Type	Snaps onto standard DIN rail to EN 60715
Net Weight (g)	25
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.25 mm

Dimensions

Height (mm)	100
Sensor Height (mm)	160.5
Sensor Length (mm)	24
Width (mm)	45

Protection & Standards

Degree of Protection	IP67
Pollution Degree	3
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
------------------------------	------------------------------------