

Product No: 101149097

SCHMERSAL ENCLOSED MAGNETIC REEDSWITCH BN 310-10Z 10.0M



Note: The positioning of the head must be carried out in factory.

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	EC001029
Housing Construction Form	Norm construction design
Product Type	Magnetic Reed Switch
Working Principle	Optoelectronic

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	0.5
Maximum Cable Cross Section (mm ²)	2 x 2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	0.05
Minimum Cable Cross Section (mm ²)	0.5
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4

Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Connector
Thermal Test Current (A)	0.25
Utilisation Category	DC-13 AC-15

Physical Attributes

Actuator Type	Angle roller lever
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	416
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	45.7
Storage Temperature (°C)	-25 to 85
Wire Cross-Section	11 AWG

Dimensions

Sensor Height (mm)	25
Sensor Length (mm)	44

Protection & Standards

Degree of Protection	IP65
Standards	EN IEC 61496-1 / EN IEC 61496-2

Resources

Product catalogue (Flipbook)	Download from here
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