

Product No: 101123283

SCHMERSAL MAGNETIC SAFETY SENSOR, M30 101123283

Note: In case of failure (interruption of the 0 V supply) the maximum leakage current is 1 mA.



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	27-37-12-18
eCl@ss Number, Version 9.0	27-37-12-13
ETIM 6.0	EC000222
ETIM 7.0	EC000030
Housing Construction Form	Norm construction design
Product Type	Safety Sensor
Protection Class of Operating Resource	3
Recommended Safety Switchgear	PROTECT PSC1 SRB-E-301ST SRB-E-201LC
Working Principle	Magnetic drive

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	2.5 , flexible 4 , rigid
Maximum Fuse Rating	6 A gG D-fuse
Maximum Switching Capacity (W)	0.24
Minimum Actuating Speed (mm/min)	264
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	20

No. of Safety Contacts	1
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	400
Rated Operating Current (mA)	50
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	30 / 11
Switching Element	1 NO contact, 1 NC contacts
Switching Principle	Snap action
Terminal Type	Connector
Utilisation Category	DC-13 AC-15
Utilisation Category AC-15	2.5 A
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Roller lever
Enclosure Coating Material	Painted
Enclosure Material	Aluminium
Gross Weight (g)	25
Installation Conditions	Not flush
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-30
Mounting Type	Snaps onto standard DIN rail to EN 60715
Net Weight (g)	35
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.34 mm

Dimensions

Height (mm)	100
Sensor Height (mm)	133
Sensor Length (mm)	46
Width (mm)	22.5

Protection & Standards

Degree of Protection	IP65
Pollution Degree	3
Standards	EN IEC 60947-5-1 / EN IEC 60947-1

Resources

Product catalogue (Flipbook)	Download from here
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