

Product No: 101118833

SCHMERSAL MAGNETIC SAFETY SENSOR 101118833

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	27-27-26-03
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	Safety Sensor
Recommended Safety Switchgear	SRB-E-301ST SRB-E-201LC
Working Principle	Magnetic drive

Technical Attributes	
No. of Auxiliary Contacts	4
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
Maximum Switching Capacity (VA)	10
Minimum Actuating Speed (mm/min)	160
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	40
No. of Safety Contacts	1

Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Operating Current (mA)	50
Rated Short-circuit Current (A)	400
Resistance to Shock (g/ms)	110 / 4 - 30 / 18
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Screw terminals
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Roller lever H65
Enclosure Coating Material	Painted
Enclosure Material	Metal film
Gross Weight (g)	281.74
Installation Conditions	Arbitrarily
Maximum Ambient Temperature (°C)	75
Minimum Ambient Temperature (°C)	-30
Mounting Type	Snaps onto standard DIN rail to EN 60715
Net Weight (g)	1070
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.14 mm

Dimensions

Cable Length (m)	10
Height (mm)	32
Sensor Height (mm)	691
Sensor Length (mm)	43.5
Width (mm)	22.5

Protection & Standards

Degree of Protection	IP65
Pollution Degree	3
Standards	EN IEC 60947-5-3 / BG-GS-ET-14

Resources

Product catalogue (Flipbook) [Download from here](#)