

Product No: 101118818

SCHMERSAL MAGNETIC SAFETY SENSOR 101118818

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	27-27-26-01
eCl@ss Number, Version 9.0	27-27-24-03
ETIM 6.0	EC000030
ETIM 7.0	EC000222
Housing Construction Form	Norm construction design
Product Type	Safety Sensor
Protection Class of Operating Resource	3
Recommended Safety Switchgear	SRB-E-301ST SRB-E-201LC
Working Principle	Magnetic drive

Technical Attributes

No. of Auxiliary Contacts	3
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)	10
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000 Operations
Minimum Positive Break Force (N)	40

Overvoltage Category	3
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)	50 / 6
Switching Element	NO contact, NC contact
Switching Principle	Snap action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.25 A

Physical Attributes

Actuator Type	Roller lever H65
Enclosure Coating Material	Painted
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	200
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)	1068
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.25 mm

Dimensions

Cable Length (m)	10
Height (mm)	32
Sensor Height (mm)	611
Sensor Length (mm)	38
Width (mm)	22.5

Protection & Standards

Degree of Protection	IP65
Pollution Degree	3
Standards	EN IEC 60947-5-1 / EN ISO 13849-1 / EN ISO 14119

Resources

Product catalogue (Flipbook)	Download from here
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