

Product No: 101157378

SCHMERSAL SAFETY SWITCH 101157378

Note: The axis of the hinge must be 10 mm above and in a parallel plane to the top surface of the safety switch. | minimum actuating radius on rotating guard systems via the narrow edge of the actuator 140 mm | minimum actuating radius on hinged guards in line with the plane of the actuator 200 mm | The actuator is not available separately.



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	27-27-27-92
eCl@ss Number, Version 9.0	27-44-01-02
ETIM 6.0	EC002593
ETIM 7.0	EC002544
Housing Construction Form	Norm construction design
Product Type	Safety Switch
Working Principle	Electromechanical

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm ²)	2 x 2.5
Maximum Fuse Rating	6 A (slow blow)
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	1000000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	2

Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	250
Rated Short-circuit Current (A)	1000
Switching Element	Opener (NC)
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Roller plunger
Enclosure Material	Stainless steel (V4A)
Gross Weight (g)	450
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-30
Net Weight (g)	100
Storage Temperature (°C)	-40 to 85
Wire Cross-Section	13 AWG

Dimensions

Sensor Height (mm)	27
Sensor Length (mm)	33

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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