

Product No: 101144941

SCHMERSAL SAFETY SWITCH WITH SEPARATE ACTUATOR 101144941

Note: Universal joint to compensate axial displacement | Switching point subsequently adjustable using hinge L

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	27-37-12-12
eCl@ss Number, Version 9.0	27-27-06-07
ETIM 6.0	EC001099
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)	1
Maximum Cable Cross Section (mm ²)	1 x 1.0 , flexible
Maximum Fuse Rating	6 A (slow blow)
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	10000000 Operations
Minimum Positive Break Force (N)	20
No. of Safety Contacts	2
Overvoltage Category	3

Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	30 / 11
Switching Element	Opener (NC)
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Thermal Test Current (A)	16
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	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	50
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	2140
Storage Temperature (°C)	-25 to 70
Wire Cross-Section	0.14 mm

Dimensions

Sensor Height (mm)	112
Sensor Length (mm)	46.5

Protection & Standards

Degree of Protection	IP65
Standards	EN IEC 60947-5-1 / EN IEC 60947-5-5 / EN ISO 13850

Resources

Product catalogue (Flipbook)	Download from here
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