

Product No: 101150051

SCHMERSAL ENCLOSED SAFETY SWITCH 101150051

Note: Switch with 2 NO contacts are not for security tasks



General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
Coding Level According to EN ISO 14119	High
EAN	4030660000000
eCl@ss Number, Version 11.0	27-37-12-13
eCl@ss Number, Version 9.0	27-37-12-13
ETIM 6.0	EC000222
ETIM 7.0	EC000223
Housing Construction Form	Norm construction design
Product Type	Switch
Working Principle	Optoelectronic

Technical Attributes

No. of Auxiliary Contacts	1
Contact Material	Silver
Maximum Actuating Speed (m/s)	0.3
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm ²)	2 x 0.75
Minimum Mechanical Life	100000000 Operations
Minimum Positive Break Force (N)	20

No. of Safety Contacts	2
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Resistance to Shock (g/ms)	15 / 11
Switching Element	Normally open contact (NO)
Switching Principle	Slow action
Terminal Type	Connector
Thermal Test Current (A)	0.25
Utilisation Category	DC-13 AC-15
Utilisation Category AC-15	1.5 A
Utilisation Category DC-13	0.05 A

Physical Attributes

Actuator Type	Rod lever
Enclosure Material	Glass-fibre, reinforced thermoplastic
Gross Weight (g)	350
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-25
Net Weight (g)	35
Storage Temperature (°C)	-40 to 85
Wire Cross-Section	13 AWG

Dimensions

Sensor Height (mm)	25
Sensor Length (mm)	49.1

Protection & Standards

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

Resources

Product catalogue (Flipbook)

[Download from here](#)
