

Product No: 151154520

SCHMERSAL POSITION SWITCH WITH SAFETY FUNCTION 151154520



General Information

Brand	SCHMERSAL
Product Type	Limit Switch

Technical Attributes

No. of Auxiliary Contacts	1
Safety Functions	Yes
Switching Frequency	5000/h
Switchover Time (ms)	2ms (Maximum)
Actuating Element	Roller Lever
Connector Type	Female Connector (Side B)
Contact Material	Silver
Maximum Actuating Speed (m/s)	2.5
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm ²)	0.75
Minimum Mechanical Life	30000000 Operations
No. of Safety Contacts	1
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	500
Rated Operational Current AC-15 (A)	4
Rated Operational Current DC-13 (A)	4
Rated Operational Voltage AC-15 (V)	230V AC

Rated Operational Voltage DC-13 (V)	24V DC
Rated Short-circuit Current (A)	1000
Switching Element	NO Contact, NC Contact
Switching Principle	Snap Action
Termination	Screw Terminals M20 x 1.5
Thermal Test Current (A)	10
Utilisation Category	DC-13

Physical Attributes

Actuator Type	A - According to EN 50041
Castor Material	Plastic
Enclosure Coating Material	Painted
Housing Material	Light Alloy Die-casting
Lever Material	Metal Film
Maximum Ambient Temperature (°C)	80
Minimum Ambient Temperature (°C)	-30

Dimensions

Sensor Height (mm)	129.5
Sensor Length (mm)	60.55
Sensor Width (mm)	40.5

Protection & Standards

Degree of Protection	IP67
Standards	EN ISO 13849-1
Standards and Approvals	EN ISO 13849-1

Resources

Product catalogue (Flipbook)	Download from here
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