

Product No: 101058419

SCHMERSAL TS 452-12YMEDIUM-DUTY POSITION SWITCH 101058419



General Information

Brand	SCHMERSAL
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Technical Attributes

Actuating Angle	20°
Actuating Element	Plunger
Contact Material	Silver
Maximum Actuating Speed (m/s)	1
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	16 A gG D-fuse
Minimum Actuating Speed (mm/min)	1
Minimum Cable Cross Section (mm ²)	1.5
Minimum Mechanical Life	10000000 Operations
No. of Normally-closed Contacts	2
No. of Normally-open Contacts	1
Rated Impulse Withstand Voltage (kV)	6
Rated Insulation Voltage (V)	400
Rated Operational Current AC-15 (A)	4
Rated Operational Voltage AC-15 (V)	400V AC
Switching Element	NO Contact, NC Contact
Switching Principle	Slow Action
Termination	Screw Terminals M20 x 1.5
Thermal Test Current (A)	16

Utilisation Category	AC-15
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Physical Attributes

Contact Opening (mm)	2 x 6
Enclosure Coating Material	Painted
Housing Material	Grey Cast Iron, Galvanised
Maximum Ambient Temperature (°C)	90
Minimum Ambient Temperature (°C)	-30

Dimensions

Plunger Diameter (mm)	10
Sensor Height (mm)	153
Sensor Length (mm)	64
Sensor Width (mm)	118

Protection & Standards

Degree of Protection	IP65
Standards and Approvals	EN IEC 60947-5-1

Resources

Product catalogue (Flipbook)	Download from here
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