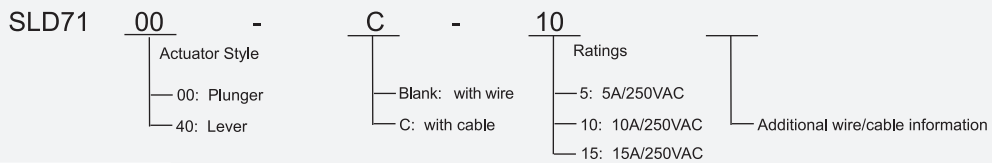


Waterproof Micro Switches SLD7 Series (IP67 WATER-PROOF)

Specifications

Operating Speed	0.01mm-1m/sec
Rated Current/Rated Voltage	5A/10A/15A, 1/2HP 250VAC
Operating Frequency	Mechanical 600 ops/min; Electrical 60 ops/min
Service Life	Mechanical 10,000,000 (operations) Electrical 500,000 (operations)
Operating Temperature	-40~+85 °C without formation of ice
Dielectric Strength	1000VAC for 1 min between current carrying parts 2000VAC for 1 min between non-current carrying parts
Insulation Resistance	>100MΩ @500V DC
Contact Resistance	<15mΩ (initial value)
Degree of Protection	IP67

Selection Guide:



Dimensions Unit: mm

<p>SLD7140 dimensions: 18.5, 16.5, 4.7, R31.5, 13.2, DP, 5.8, 17±0.2, 9, AWG 20 lead wire, 2-∅3,2-0, 5.9, 35, 11</p>	<p>SLD7100 dimensions: 16.3, 14, DP, 11.3, 2-∅3,2-0, 17±0.2, 9, AWG 20 lead wire, 5.9, 35, 11, ∅3, R1.3</p>
<p>SLD7140 Operating Characteristics</p> <ul style="list-style-type: none"> • OFmax 0.6N • RFmin 0.2N • PTmax 3mm • OTmin 4mm • MDmax 0.3~1mm • OP 22.3±1mm 	<p>SLD7100 Operating Characteristics</p> <ul style="list-style-type: none"> • OFmax 4N • RFmin 1N • PTmax 1mm • OTmin 1mm • MDmax 0.3mm • OP 17.3±0.5mm
<p>SLD7140-C dimensions: 17.5, 18.5, 16.5, 4.7, R31.5, 13.2, DP, 17±0.2, 9, 3X0.5mm², 2-∅3,2-0, 5.9, 35, 11, ∅3, R1.3</p>	<p>SLD7100-C dimensions: 16.3, 14, DP, 11.3, 2-∅3,2-0, 17±0.2, 9, 3X0.5mm², 17.5, 35, 11, ∅3, R1.3</p>
<p>SLD7140 -C Operating Characteristics</p> <ul style="list-style-type: none"> • OFmax 0.6N • RFmin 0.2N • PTmax 3mm • OTmin 4mm • MDmax 0.3~1mm • OP 22.3±1mm 	<p>SLD7100 -C Operating Characteristics</p> <ul style="list-style-type: none"> • OFmax 4N • RFmin 1N • PTmax 1mm • OTmin 1mm • MDmax 0.3mm • OP 17.3±0.5mm

Water Proof Micro Switch S-72

Feature

- Moistureproof
- 3 contact arrangements
- Long-life coil spring mechanism
- Plunger type and pressing plate type available
- 16 AWG cable applied
- Customized cable type available

Specifications

Electrical

Electrical Rating: 10A, 125/250VAC

Temperature Rating: -40°C-85°C

Flammability Rating: UL94V-0

Service Life: Mechanical 10,000,000 (operations)
Electrical 5000,000 (operations)

Materials

Case: Thermoplastic

Actuating Button: Thermoplastic

Common terminals: Silver-plated Brass

NO and NC terminals: Silver-plated Brass

Moving Blade: Silver-plated Brass

Spring: Stainless steel

Auxiliary Actuators: Cold-Roll steel sheet (Nickel plated)

Contacts: Silver-cadmium oxide

Degree of Protection: IP67

Definitions of Operating Characteristics

OF	Operating Force	PT	Pretravel
RF	Releasing Force	MD	Movement Differential
OT	Overtravel	OP	Operating Position
TT	Total Travel		

Dimensions Unit: mm

