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Rocker Switch

Single Pole

SR Series – SRB



Features

- Self-locking tabs
- Minimum 100,000 operations mechanical life
- RoHS compliant

Standard Parts[1]

North America and Europe

SRB22A2BBBNN SRB22A2DBBNN SRB22A2FBBNN SRB22A2FBRNN SRB23A2BBBNN

[1]The part number configuration matrix below provides details to the part numbers above. For configurable part numbers that are not listed above, contact the factory or your distributor.

Part Number Breakdown

SRB22A2BBBNN

SR B 2 2 A 2

Series	Contact Rating[1]	Circuitry	Switch Function	Terminal Type	Actuator Type
SR	B	2 Single pole	2 ON-OFF 3 ON-ON 4 ON-OFF-ON	A 4.8 mm (0.187”) quick connect B PC left angle C PC straight D 4.7 mm x 2.7 mm (0.185” x 0.106”) solder tag E PC right angle P 7.0 mm x 3.4 mm (0.275” x 0.134”) solder tag	2 Curved

[1]See Electrical Specifications section

B B B N N

Actuator Marking	Housing Color	Actuator Color	Lighted	Body Type
B Blank C HI / LO D ON / OFF E O I F I / O G • H I O II	B Black W White Y Grey	B Black R Red W White Y Grey	N Non-lighted	N[2] No Rocker Boot

[2]A splash-proof boot can be ordered separately as part number 00150751

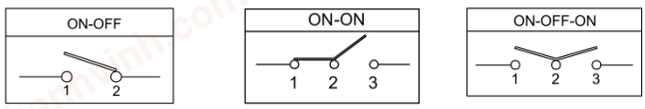
Electrical Specifications

Inrush Rating – 2 Position	48 A	
Dielectric Strength	1000 VAC for 1 minute	
Insulation Resistance	100 MΩ min at 500 VDC	
Initial Contact Resistance	0.020 Ω max	
Switch Function: 2, 3 4	EN61058-1 Rating: 10 (4) A 250 VAC ~ T125/55 10 (4) A 250 VAC ~µ T125/55	UL General Purpose Rating: 10 A 125 VAC / 6 A 250 VAC 10 A 125 VAC / 6 A 250 VAC
Electrical Life at Rated Load Minimum Operations: Switch Function 2 Switch Function 3, 4 UL File No: E23301	 VDE: 50,000 10,000	 UL: 6,000 6,000

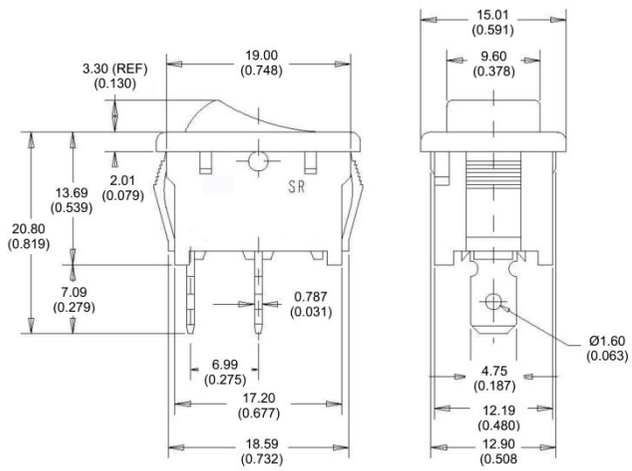
Material and Environmental Specifications

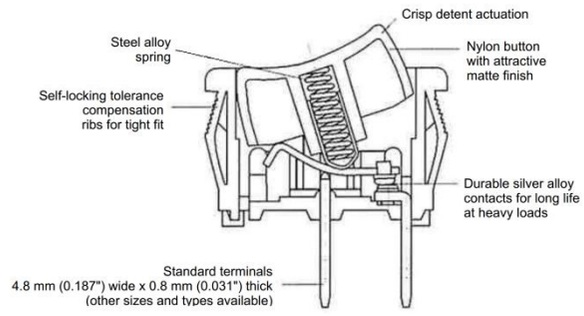
Actuator	Nylon 66 94V-2
Base	Nylon 66 94V-2
Spring	Steel Wire
Contacts	Silver or Copper Alloy
Movable Arm	Silver-Plated Copper Alloy
Terminals	Tin-Plated Copper Alloy
Operating Temperature Range	-20 ^{O}C to +65 ^{O}C (-4 ^{O}F to +149 ^{O}F)

Circuitry and Switch Functions



Dimensions mm (inches)





Recommended Panel Cut-Out Dimensions

Panel thickness	X Dimension	Y dimension
0.75 to 1.25 (0.30 to 0.049)	19.2 +0.1/-0 (0.752)	12.90 +0/15/-0 (0.508)
1.25 to 2.00 (0.049 to 0.079)	19.4 +0.1/-0 (0.760)	12.90 +0/15/-0 (0.508)
2.00 to 3.00 (0.079 to 0.118)	19.8 +0.1/-0 (0.775)	12.90 +0/15/-0 (0.508)