# **Rocker Switch**

# Single Pole

SR Series - SRB

# Features

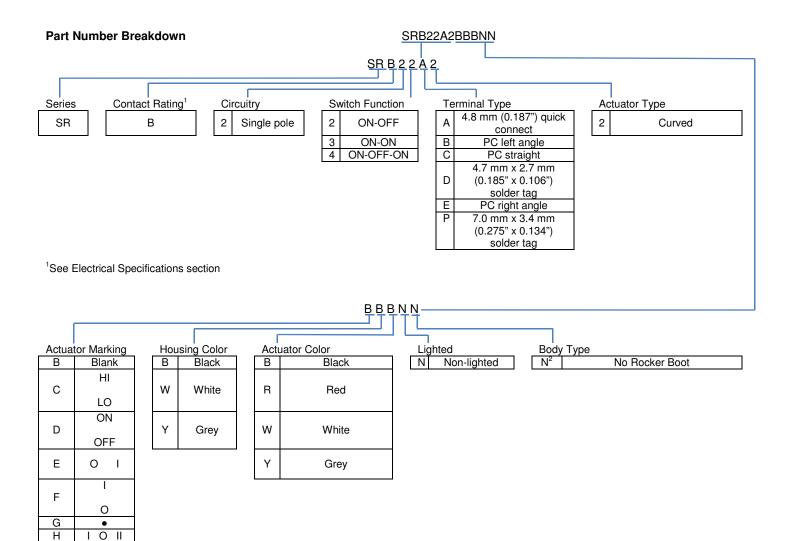
Self-locking tabs

- RoHS compliant
- Minimum 100,000 operations mechanical life

# Standard Parts<sup>1</sup>

		North America and Europe		
SRB22A2BBBNN	SRB22A2DBBNN	SRB22A2FBBNN	SRB22A2FBRNN	SRB23A2BBBNN

<sup>1</sup>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.



<sup>2</sup>A splash-proof boot can be ordered separately as part number 00150751

www.switches-sensors.zf.com ZF Electronics Systems Pleasant Prairie, LLC ("ZF") acquired the rights to the CHERRY branded switches and sensors in 2008. Although ZF divested its interest in the CHERRY name in 2015, the switches and sensors remain unchanged and are now sold under the ZF brand.



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# **Electrical Specifications**

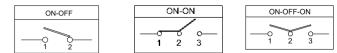
Inrush Rating – 2 Position			48 A
Dielectric Strength			1000 VAC for 1 minute
Insulation Resistance			100 MΩ min at 500 VDC
Initial Contact Resistance			0.020 Ω max
Switch Function	EN61058-1 Rating	UL General Purpose Rating	
2, 3	10 (4) A 250 VAC ~ T125/55	10 A 125 VAC / 6 A 250 VAC	
4	10 (4) A 250 VAC ~μ T125/55	10 A 125 VAC / 6 A 250 VAC	
Electrical Life at Rated Load			
Minimum Operations	VDE	<u>UL</u>	
Switch Function 2	50,000	6,000	
Switch Function 3, 4	10,000	6,000	

UL File No: E23301

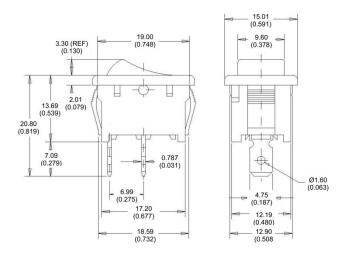
#### **Material and Environmental Specifications**

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 °C to +65 °C (-4 °F to +149 °F)

## **Circuitry and Switch Functions**



## **Dimensions mm (inches)**



spring	METH	with attractive matte finish
Self-locking tolerance compensation ribs for tight fit		<ul> <li>Durable silver alloy contacts for long life at heavy loads</li> </ul>
Standard 4.8 mm (0.187") wide x 0.8 mm (0.0 (other sizes and types a	31") thick	

Steel alloy

Crisp detent actuation

Nylon button

A

Panel thickness	X Dimension	Y dimension
0.75 to 1.25 (0.30 to 0.049)	19.2 +0.1/-0 (0.756)	12.90 +0.15/-0 (0.508)
1.25 to 2.00 (0.049 to 0.079)	19.4 +0.1/-0 (0.764)	12.90 +0.15/-0 (0.508
2.00 to 3.00 (0.079 to 0.118)	19.8 +0.1/-0 (0.780)	12.90 +0.15/-0 (0.508

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