Rocker Switch

Single Pole
PR Series



Features
- Low-profile, small design
- RoHS compliant
- Minimum 50,000 operations mechanical life

Standard Parts[1]

North America and Europe

PRK22J5BBBNN PRK22J5DBBNN

Europe

PRK22J5EBBNN

[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

PRK22J5BBBNN

PR K 2 2 J 5

Series	Contact Rating[1]	Circuitry	Switch Function	Terminal Type	Actuator Type
PR	K	2 Single pole	2 ON-OFF	J 3.7 mm (0.146") solder tag	5 Flat

[1]See Electrical Specifications section

F B B N E

Actuator Marking		Housing Color		Actuator Color		Lighted		Body Type	
B	Blank	B	Black	B	Black	N	Non-lighted	N	No rocker boot
C	LO HI	W	White	C	Brown				
D	OFF ON	Y	Grey	D	Orange				
E	O I			G	Green				
F	O —			M	Yellow				
G	•			R	Red				
				U	Blue				
				W	White				
				Y	Grey				

Electrical Specifications

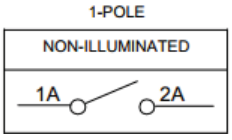
Inrush Rating	N/A		
Dielectric Strength	1000 VAC for 1 minute		
Insulation Resistance	100 MΩ min at 500 VDC		
Initial Contact Resistance	0.020 Ω max		
Switch Function: 2	EN61058-1 Rating: 3 A 250 VAC ~μ T100/55	UL General Purpose 1054: 6 A 125 VAC / 3 A 250 VAC	UL HP Rating: -
Electrical Life at Rated Load	VDE	UL	
Minimum Operations	10,000	6,000	

UL File No: E23301

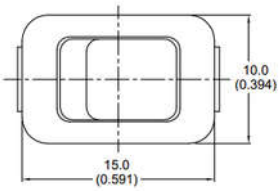
Material and Environmental Specifications

Actuator	PBT UL94 V-0 Rated
Base	PA66 UL94 V-0 Rated
Spring	Piano Wire
Contacts	Silver Alloy
Movable Arm	Silver-Plated Copper Alloy
Terminals	Silver-Plated Copper Alloy
Operating Temperature Range	0 °C to +65 °C (32 °F to +149 °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)	13.6 +0/-0.1 (0.535)	9.2 (0.362)
1.25 to 2.00 (0.049 to 0.079)	13.7 +0/-0.1 (0.540)	9.2 (0.362)
2.00 to 2.50 (0.079 to 0.098)	13.7 +0/-0.1 (0.543)	9.2 (0.362)

