# **Rocker Switch**

# Single Pole

**PR** Series

### Features

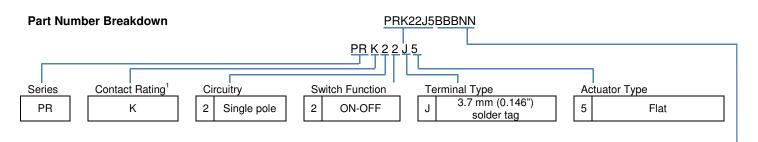
• Low-profile, small design

- RoHS compliant
- Minimum 50,000 operations mechanical life

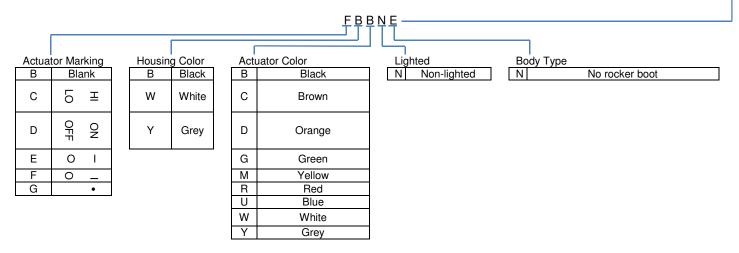
## Standard Parts<sup>1</sup>

North America and Europe		Europe Only	
PRK22J5BBBNN	PRK22J5DBBNN	PRK22J5EBBNN	

<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>1</sup>See Electrical Specifications section







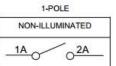
# **Electrical Specifications**

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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	EN61058-1 Rating	<u>UL General Purpose 1054</u>	UL HP Rating
2	3 A 250 VAC ~μ T100/55	6 A 125 VAC / 3 A 250 VAC	-
Electrical Life at Rated Load	VDE	<u>UL</u>	
Minimum Operations	10,000	6,000	
UL File No: E23301			

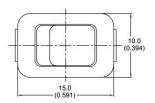
#### **Material and Environmental Specifications**

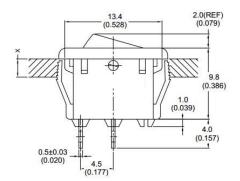
Base   PA66 UL94 V-0 Rated     Spring   Piano Wire     Contacts   Silver Alloy     Movable Arm   Silver-Plated Copper Alloy     Terminals   Silver-Plated Copper Alloy     Operating Temperature Range   0 °C to +65 °C (32 °F to +149 °F)	Actuator	PBT UL94 V-0 Rated
Contacts Silver Alloy   Movable Arm Silver-Plated Copper Alloy   Terminals Silver-Plated Copper Alloy	Base	PA66 UL94 V-0 Rated
Movable Arm     Silver-Plated Copper Alloy       Terminals     Silver-Plated Copper Alloy	Spring	Piano Wire
Terminals Silver-Plated Copper Alloy	Contacts	Silver Alloy
	Movable Arm	Silver-Plated Copper Alloy
Operating Temperature Range 0 °C to +65 °C (32 °F to +149 °F)	Terminals	
	Operating Temperature Range	$0 {}^{\rm o}{\rm C}$ to +65 ${}^{\rm o}{\rm C}$ (32 ${}^{\rm o}{\rm F}$ to +149 ${}^{\rm o}{\rm F}$ )

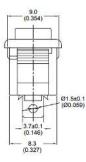
#### **Circuitry and Switch Functions**



#### **Dimensions mm (inches)**



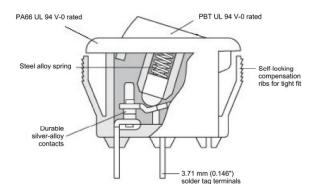




www.switches-sensors.zf.com ZF Electronics Systems Pleasant Prairie, LLC ("ZF") acquired the rights to the CHERRY branded switches and sensors in 2008. Although ZF divested its interest in the CHERRY name in 2015, the switches and sensors remain unchanged and are now sold under the ZF brand.



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)		



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