

# Sealed Rocker Switch

## Single and Double Pole

KG Series



### Features

- Snap-in mounting
- RoHS compliant
- 100,000 cycles mechanical life
- IP56
- Switches up to 20 A

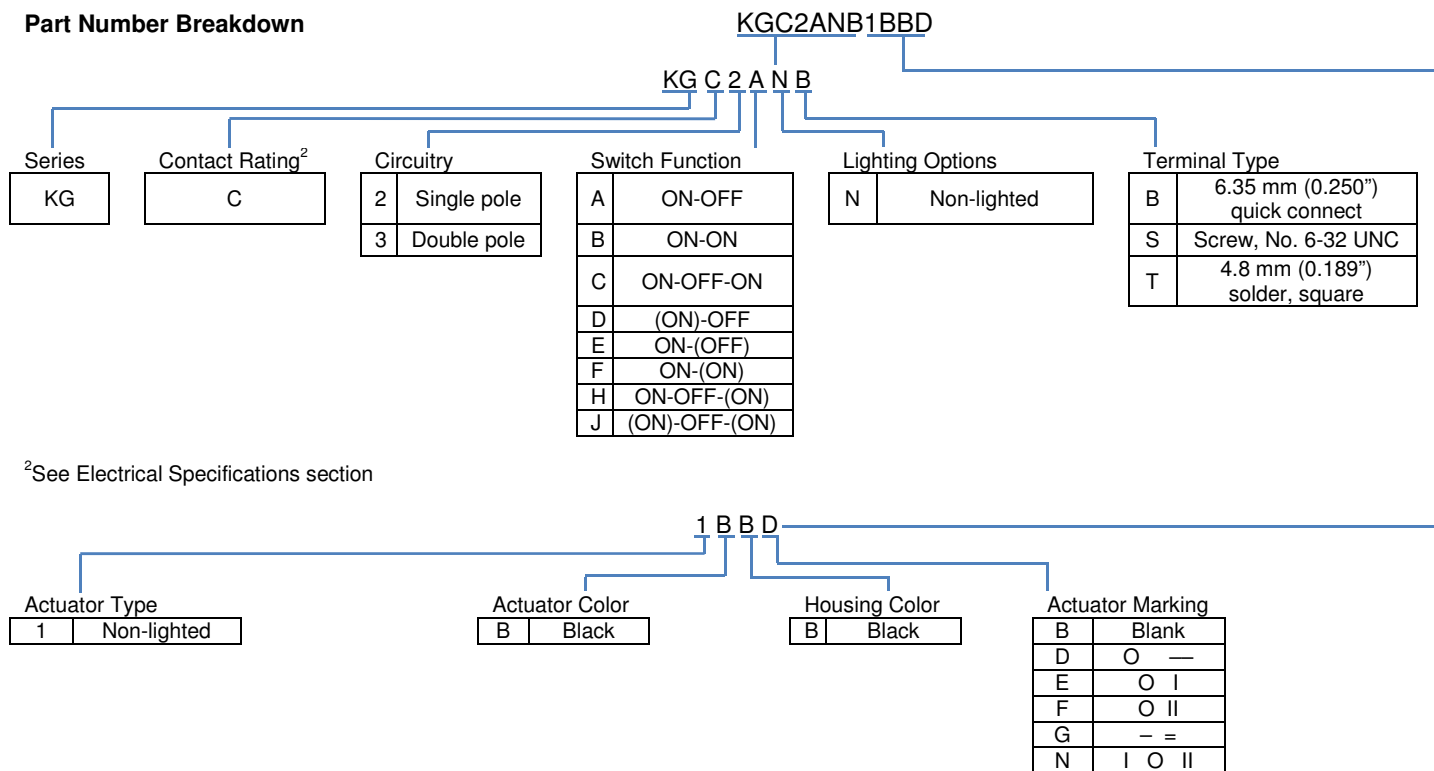
### Standard Parts<sup>1</sup>

North America and Europe			
KGC2ANB1BBD	KGC2BNB1BBB	KGC2CNB1BBN	KGC3ANB1BBD

<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, not listed in your region, or for custom part numbers, contact the factory or your distributor.

### Part Number Breakdown



<sup>2</sup>See Electrical Specifications section



## Electrical Specifications

Dielectric Strength	1500 VAC for 1 minute
Insulation Resistance	100 MΩ min at 500 VDC
Initial Contact Resistance	0.050 Ω max

### Electrical Ratings

UL1054  
20 A 125 VAC / 10 A 250 VAC

VDC<sup>3</sup>  
20 A 14 VDC

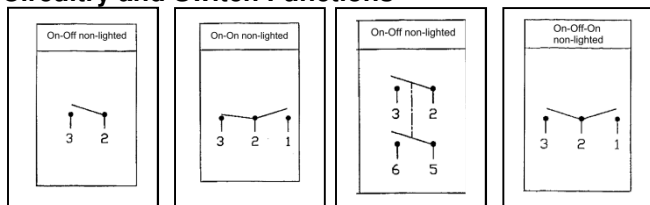
Electrical Life at Rated Load Minimum Operations	UL 6,000
---	-------------

<sup>3</sup>DC ratings not agency approved  
UL File No: E23301

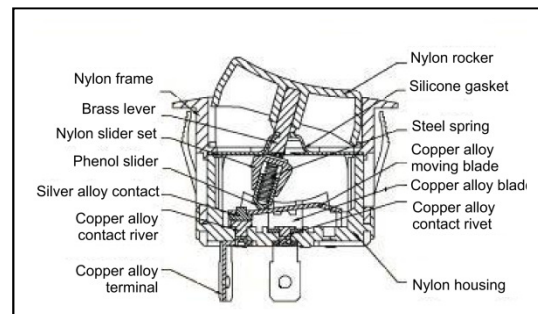
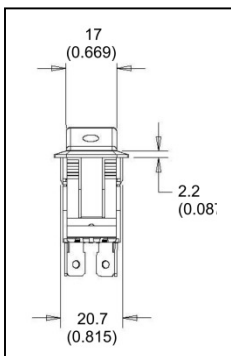
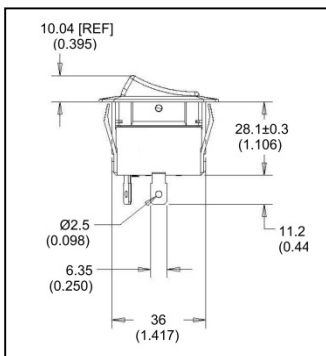
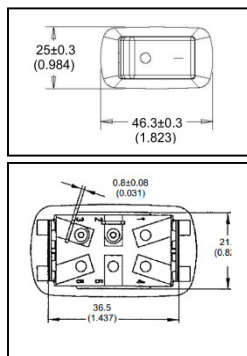
## Material and Environmental Specifications

Actuator	Nylon 66 with 33% Glass Fiber
Housing	Nylon 66
Spring	Steel
Contacts	Silver Alloy
Movable Arm	Silver
Terminals	Silver-Plated Copper Alloy
Rubber Boot	Silicone
Operating Temperature Range	-25 °C to +85 °C (-13 °F to +185 °F)
Ingress Protection	IP56

## Circuitry and Switch Functions



### Dimensions mm (inches)



Recommended Panel Cut-Out Dimensions		
Panel thickness	Dimension Y	Dimension X
0.75 to 1.25 (0.030 to 0.049)	36.6±0.2 (1.441±0.004)	21.2±0.1 (0.835±0.004)
1.25 to 2.00 (0.049 to 0.079)	36.8±0.2 (1.449±0.004)	
2.00 to 3.00 (0.079 to 0.118)	37.0±0.2 (1.457±0.004)	



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ZF Electronics:](#)

[KGC2CNB1BBN](#) [KGC3ANB1BBD](#) [KGC2BNB1BBB](#) [KGC2ANB1BBD](#)