

# Sealed Rocker Switch

## Single (and Double)<sup>1</sup> Pole KS Series



### Features

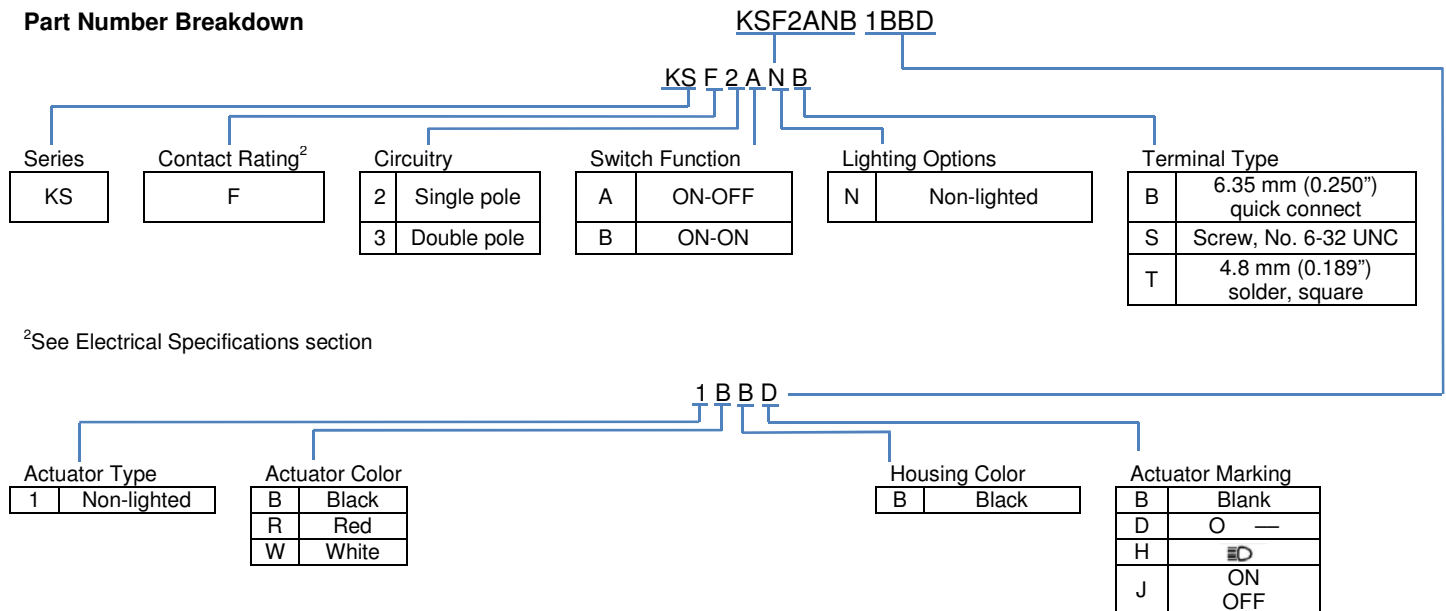
- Snap-in mounting
- RoHS compliant
- IP56
- 100,000 cycles mechanical life

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

| North America and Europe |  |             |
|--------------------------|--|-------------|
| KSF2ANB1BBD              |  | KSF2BNB1BBB |

<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  
16 A 125 VAC / 10 A 277 VAC  
¾ HP 125/277 VAC

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

Electrical Life at Rated Load  
Minimum Operations

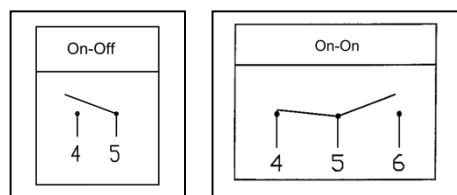
UL  
6,000

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

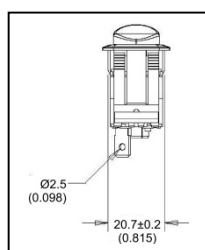
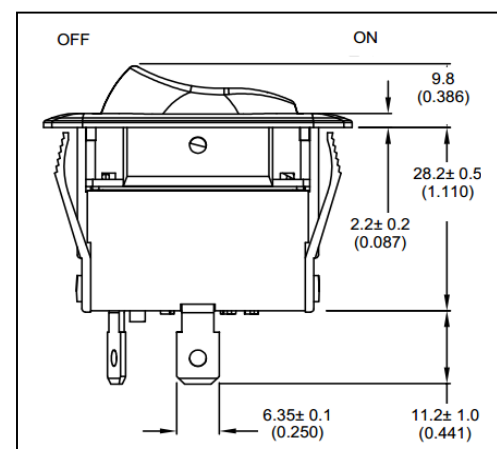
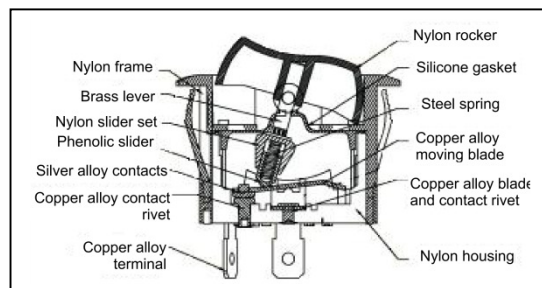
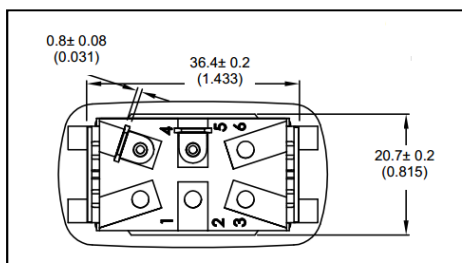
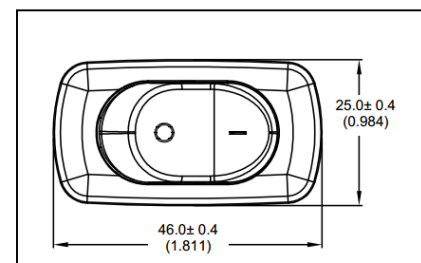
## Material and Environmental Specifications

|                             |                                     |
|-----------------------------|-------------------------------------|
| Actuator                    | Nylon 66 with Glass Fiber           |
| Housing                     | Nylon 66 94 V-2                     |
| Bezel                       | Nylon 66 with Glass Fiber           |
| Spring                      | Steel                               |
| Contacts                    | Silver Inlay Copper Alloy           |
| Movable Arm                 | Silver-Plated Copper Alloy          |
| Terminals                   | Silver-Plated Copper Alloy          |
| Operating Temperature Range | -20 °C to +85 °C (-4 °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) |                        |

[www.switches-sensors.zf.com](http://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.

Page 2 of 2, Last update 2017-11-06, Specifications subject to change without notice.

