Sealed Rocker Switch

Single and Double Pole
KM Series



Features
- Snap-in mounting
- RoHS compliant
- 100,000 cycles mechanical life
- IP56
- Switches up to 20 A
- Lighted and non-lighted versions available

Standard Parts[1]

North America and Europe		
KMD2AMB7BBBNR1	KMD2CNB1BBNNNN	KMD3CMB8BBBRG2

[1]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

KMD2AMB7BBBNR1

KM D 2 A M B

Series	Contact Rating[2]	Circuitry		Switch Function		Lighting Options		Terminal Type	
KM	D	2	Single pole	A	ON-OFF	N	Non-lighted	B	6.35 mm (0.250") quick connect
		3	Double pole	B	ON-ON	C	28 VDC LED		
				C	ON-OFF-ON	M	14 VDC LED		
				D	(ON)-OFF				
				E	ON-(OFF)				
				F	ON-(ON)				
				H	ON-OFF-(ON)				
				J	(ON)-OFF-(ON)				

[2]See Electrical Specifications section

7 B B B NR 1

Actuator Type		Actuator Color		Housing Color		Actuator Marking		Lens Colors (1, 2)		Number of LED	
1	Non-lighted	B	Black	B	Black	B	Blank	A	Amber	N	None
7	Single light					D	O —	G	Green	1	One
8	Dual lights					E	O I	L	Blue	2	Two
						N	I O II	R	Red		
								W	White		
								N	None		



Electrical Specifications

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

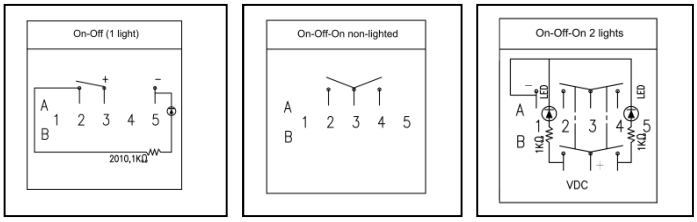
Electrical Ratings

Lighting Option	VAC	VDC
N	20 A 125 VAC / 10 A 250 VAC	21 A 14 VDC
C, M	N/A	21 A 14 VDC

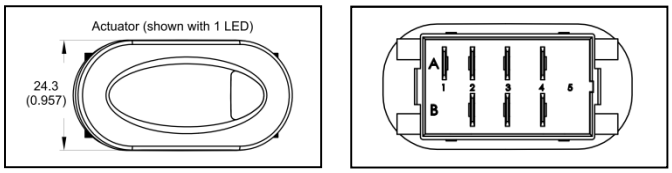
Material and Environmental Specifications

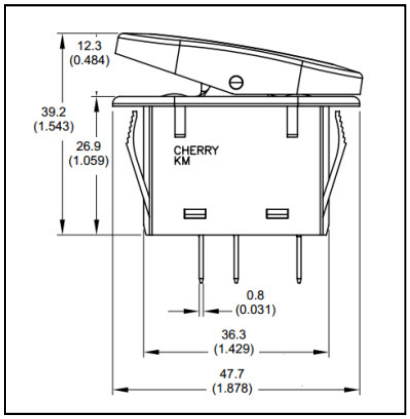
Actuator	Soft Material Molded Polycarbonate Lens
Housing	Nylon 66 94 V-2
Bezel	Nylon 66 with 33% Glass Fiber
Spring	Steel
Contacts	Silver-Plated Copper Alloy
Movable Arm	Silver-Plated Copper Alloy
Terminals	Silver-Plated Copper Alloy
Operating Temperature Range	-25 °C to +85 °C (-13 °F to +185 °F)
Ingress Protection	IP56

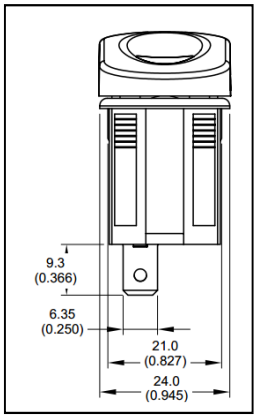
Circuitry and Switch Functions

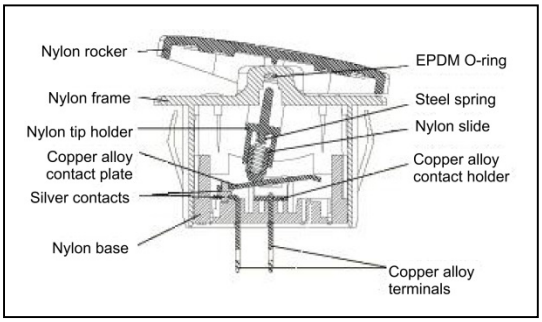


Dimensions mm (inches)









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)	