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
KM

Contact Rating[2]
D

Circuitry	
2	Single pole
3	Double pole

Switch Function	
A	ON-OFF
B	ON-ON
C	ON-OFF-ON
D	(ON)-OFF
E	ON-(OFF)
F	ON-(ON)
H	ON-OFF-(ON)
J	(ON)-OFF-(ON)

Lighting Options	
N	Non-lighted
C	28 VDC LED
M	14 VDC LED

Terminal Type	
B	6.35 mm (0.250”) quick connect

[2]See Electrical Specifications section

7 B B B NR 1

Actuator Type	
1	Non-lighted
7	Single light
8	Dual lights

Actuator Color	
B	Black

Housing Color	
B	Black

Actuator Marking	
B	Blank
D	O —
E	O I
N	I O II

Lens Colors (1, 2)	
A	Amber
G	Green
L	Blue
R	Red
W	White
N	None

Number of LED	
N	None
1	One
2	Two

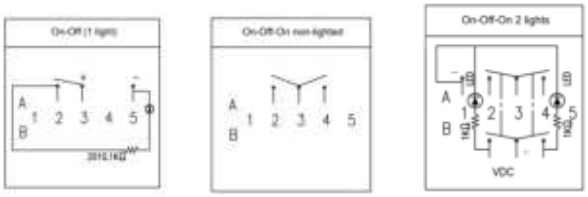
Electrical Specifications

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

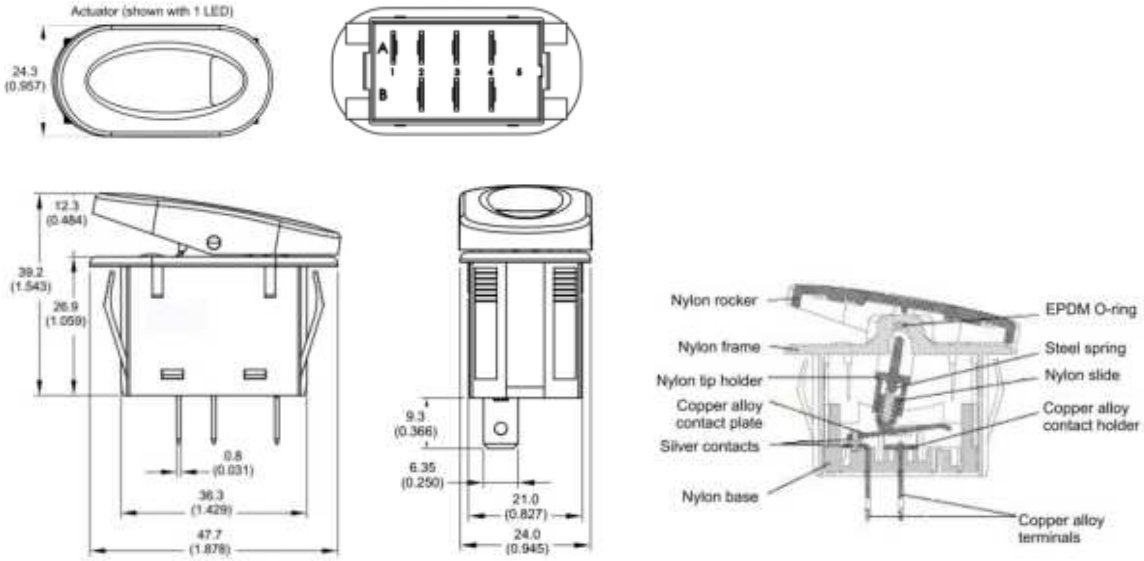
Material and Environmental Specifications

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 ^{O}C to +85 ^{O}C (-13 ^{O}F to +185 ^{O}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)	