Sealed Pushbutton

Single and Double Pole
KF Series



Features
- Snap-in mounting
- RoHS compliant
- 100,000 cycles mechanical life
- IP65
- Switches up to 20 A
- Lighted and non-lighted versions available

Standard Parts[1]

North America			
KFB2ALA2GBB	KFB2ALA2RBB	KFB3ALA2GBB	KFB3ALA2RBB
North America and Europe			
KFB2ANA1BBB	KFB2DNA1BBB	KFB3ANA1BBB	
Europe			
KFB2AEA2GBB	KFB2AEA2RBB	KFB3AEA2GBB	KFB3AEA2RBB

[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

KFB2ALA2BBB

KF B 2 A L A

Series	Contact Rating[2]	Circuitry		Switch Function		Lighting Options		Terminal Type	
KF	B	2	Single pole	A	ON-OFF	N	Non-lighted	A	4.75 mm (0.187”) quick connect
		3	Double pole	D	(ON)-OFF	E	220 VAC neon		
						L	110 VAC neon		
						C	28 VDC LED		
						M	14 VDC LED		

[2]See Electrical Specifications section

1 B B B

Actuator Type		Actuator Color[3]				Actuator Marking	
1	Non-lighted	A	Amber	B	Black	B	Blank
2	Lighted	B	Black				
		G	Green				
		L	Blue				
		R	Red				

[3]Black actuator is only available for non-lighted; others only for lighted.

Electrical Specifications

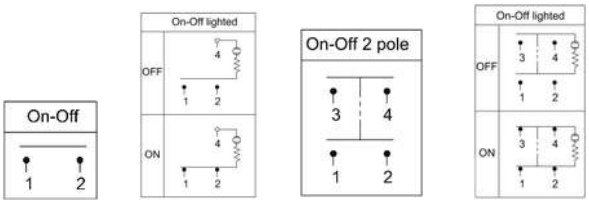
Dielectric Strength	1500 VAC for 1 minute	
Insulation Resistance	100 MΩ min at 500 VDC	
Initial Contact Resistance	0.050 Ω max	
Lighting Option:	UL1054:	VDC[3]:
N	10 A 125 VAC 1/2 HP / 6 A 250 VAC 1/2 HP	20 A 14 VDC / 10 A 28 VDC
E, L	10 A 125 VAC 1/2 HP / 6 A 250 VAC 1/2 HP	N/A
C	N/A	10 A 28 VDC
M	N/A	20 A 14 VDC
Electrical Life at Rated Load:	UL:	
Minimum Operations	6,000	

[3]DC ratings not agency approved
UL File No: E23301

Material and Environmental Specifications

Actuator	Polycarbonate 94V-2
Housing	Nylon 66 94V-2
Spring	Steel
Contacts	Silver Alloy
Movable Arm	Silver-Plated Copper Alloy
Terminals	Silver-Plated Copper Alloy
Rubber Boot	Silicone
Operating Temperature Range	-25 °C to +85 °C (-13 °F to +185 °F)
Ingress Protection	IP65

Circuitry and Switch Functions – (ON)-OFF has same connections as ON-OFF; spring return on switch



Dimensions mm (inches)

