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	North America and Europe	Europe
KFB2ALA2RBB KFB3ALA2RBB	KFB2ANA1BBB KFB2DNA1BBB KFB3ANA1BBB	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

KF

Contact Rating[2]

B

Circuitry

2	Single pole
3	Double pole

Switch Function

A	ON-OFF
D	(ON)-OFF

Lighting Options

N	Non-lighted
E	220 VAC neon
L	110 VAC neon
C	28 VDC LED
M	14 VDC LED

Terminal Type

A	4.75 mm (0.187") quick connect

[2]See Electrical Specifications section

1 B B B

Actuator Type

1	Non-lighted
2	Lighted

Actuator Color[3]

A	Amber
B	Black
G	Green
L	Blue
R	Red

B	Black

Actuator Marking

B	Blank

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

Electrical Specifications

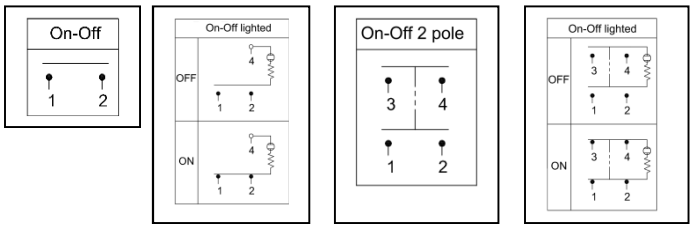
Dielectric Strength		1500 VAC for 1 minute
Insulation Resistance		100 MΩ min at 500 VDC
Initial Contact Resistance		0.050 Ω max
Electrical Ratings		
Lighting Option	UL1054	VDC[3]
N	10 A 125 VAC 1/2 HP / 6 A 250 VAC 1/2 HP	20 A 14 VDC / 10 A 28 VDC
E, L	10 A 125 VAC 1/2 HP / 6 A 250 VAC 1/2 HP	N/A
C	N/A	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)

