Rocker Switch

Single and Double Pole

LR Series



Features

- Lighted and non-lighted versions
- Minimum 50,000 operations mechanical life
- RoHS Compliant

Standard Parts[1]

North America and Europe			Europe	
LRA22H2BBBNN	LRA22H2FBBNN	LRA32H2DBBNN	LRA22H2BBGEN	LRA32H2BBGLN
LRA22H2BBGLN	LRA22H2FBRLN	LRA32H2FBBNN	LRA22H2BBREN	LRA32H2BBREN
LRA22H2BBRLN	LRA32H2BBBNN	LRA32H2FBGLN	LRA22H2EBBNN	LRA32H2FBGEN
LRA22H2DBBNN	LRA32H2BBRLN	LRA32H2FBRLN	LRA22H2FBREN	LRA32H2FBREN
			LRA32H2BBGEN	

[1]The part number configuration matrix below provides details to the part numbers above.
For configurable part numbers that are not listed above or for custom part numbers, contact the factory or your distributor.

Part Number Breakdown

LRA22H2FBBNN

LR A 2 2 H 2

Series	Contact Rating[2]	Circuitry		Switch Function		Terminal Type		Actuator Type	
LR	A	2	Single pole	2	ON-OFF	H	4.8 mm (0.187") solder tag	2	Curved
		3	Double pole			L	PC thru-hole right angle		

[2]See Electrical Specifications section

F B B N N

Actuator Marking		Housing Color		Actuator Color		Lighted		Body Type	
B	Blank	B	Black	A	Amber	N	Non-lighted	N[4]	No rocker boot
D	OFF ON	E	Charcoal Grey	B	Black	E	250 VAC bulb		
E	O I	W	White	E	Charcoal Grey	L	125 VAC bulb		
F	O —	Y	Grey	G	Green	F	5 VDC LED[3]		
G	•			R	Red	G	6 VDC LED[3]		
				W	White	H	12 VDC LED[3]		
				Y	Grey				

[3]Switches have no agency DC ratings
[4]A splash-proof boot can be ordered separately as part number 00150644

Electrical Specifications

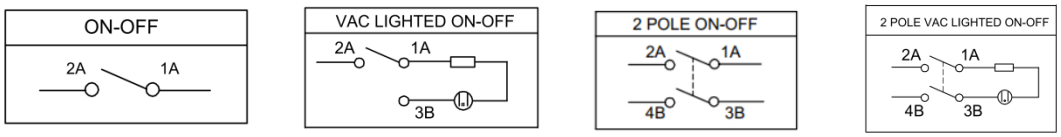
Inrush Rating				24 A
Dielectric Strength				1000 VAC for 1 minute
Insulation Resistance				100 MΩ min at 500 VDC
Initial Contact Resistance				0.020 Ω max
Electrical Ratings	VDE	UL Gen Purpose	UL HP	UL61058
	10 (4) A 250 V~ T125/55	10 A 125 VAC / 8 A 250 VAC	¼ HP 125 VAC / 250 VAC	¼ 12 (4) A 125 VAC / 250 VAC
Electrical Life at Rated Load	VDE		UL	
Minimum Operations	10,000		6,000	

UL File No: E23301

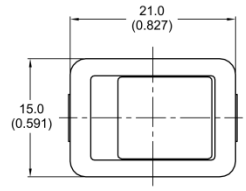
Material and Environmental Specifications

Actuator (non-lighted)	Nylon 66 94V-2
Actuator (lighted)	Polycarbonate
Base	Nylon 66 94V-2
Spring	Steel Wire
Contacts	Silver Alloy
Movable Arm	Copper Alloy
Terminals	Tin-Plated Copper Alloy
Operating Temperature Range	-20 °C to +65 °C (-4 °F to +149 °F)

Circuitry and Switch Functions

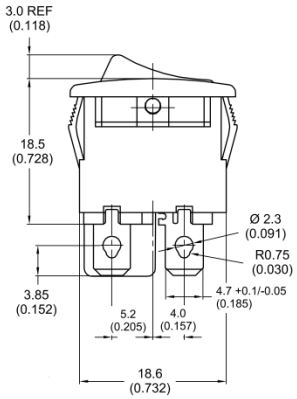


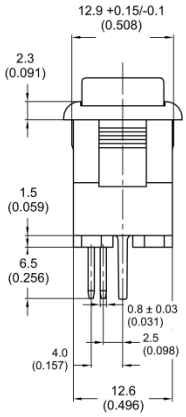
Dimensions mm (inches)



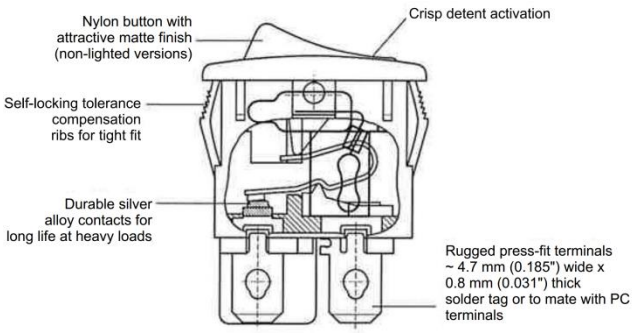
NOTE: Non-lighted 1 pole switch depicted below with solder tag terminals.

Two pole switches and lighted 1 pole switch have additional terminals on right-hand side as viewed below. Contact factory for details including other terminal options.





NOTE: TOLERANCES ± 0.3 (0.012) UNLESS OTHERWISE SPECIFIED



Recommended Panel Cut-Out Dimensions

Panel thickness	X Dimension	Y Dimension
0.75 to 1.25 (0.030 to 0.049)	19.2 +0.1/-0 (0.756)	12.9 +0.15/-0 (0.508)
1.25 to 2.00 (0.049 to 0.079)	19.4 +0.1/-0 (0.764)	12.9 +0.15/-0 (0.508)
2.00 to 3.00 (0.079 to 0.118)	19.8 +0.1/-0 (0.780)	12.9 +0.15/-0 (0.508)