Rocker Switch

Single and Double Pole
WR Series



Features
- Lighted and non-lighted
- Rugged design for 2-pole high current applications
- RoHS compliant
- Minimum 10,000 operations mechanical life

Standard Parts[1]

North America and Europe			Europe		
WRG32F2FBBRLN	WRG32F2FBGLN	WRG32F5FBBNN	WRG32F2BBBNN	WRG32F2FBGEN	WRG32F7BWWKN
WRG32F2FBBBNN	WRG32F2FBRLN		WRG32F2BBGEN	WRG32F2FBREN	WRG32F7BWWNN
			WRG32F2BBGLN	WRG32F7BBBKN	WRG33F2BBBNN
			WRG32F2BBREN	WRG32F7BBBNN	WRG34F2BBBNN

[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

WRG32F2FBBNN

WR G 3 2 F 2

Series	Contact Rating[2]	Circuitry		Switch Function		Terminal Type		Actuator Type	
WR	G	2	Single pole	2	ON-OFF	A	4.8 mm (0.187") quick connect	2	Curved
		3	Double pole	3	ON-ON	F	6.4 mm (0.250") quick connect	5	Flat
				6	(ON)-ON			7	Curved – Dual actuators

[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	No rocker boot
C	HI LO	W	White	B	Black	E	250 VAC bulb		
D	ON OFF	Y	Grey	C	Brown	L	125 VAC bulb		
E	O I			G	Green	H	12 VDC LED[3]		
F	I O			M	Yellow	G	6 VDC LED[3]		
				R	Red	F	5 VDC LED[3]		
				U	Blue	K	250 VAC bulb, small round red lens on rocker		
				W	White	J	125 VAC bulb, small round red lens on rocker		
				Y	Grey				

[3]Switches have no agency DC ratings

Electrical Specifications

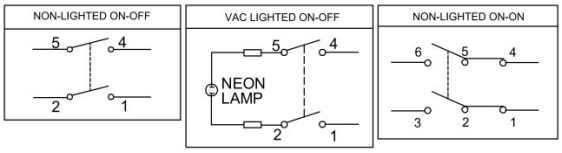
Inrush Rating – 2 position			48 A
Inrush Rating – 3 position			24 A
Dielectric Strength			1000 VAC for 1 minute
Insulation Resistance			100 MΩ min at 500 VDC
Initial Contact Resistance			0.020 Ω max
Electrical Ratings			
Switch Function		ENEC15	UL61058
ALL		16 (4) A 125 VAC / 250 VAC T125/55	16 (4) A 125 VAC / 250 VAC
Electrical Life at Rated Load	ENEC15	UL61058	
Minimum Operations	10,000	10,000	

UL File No: E23301

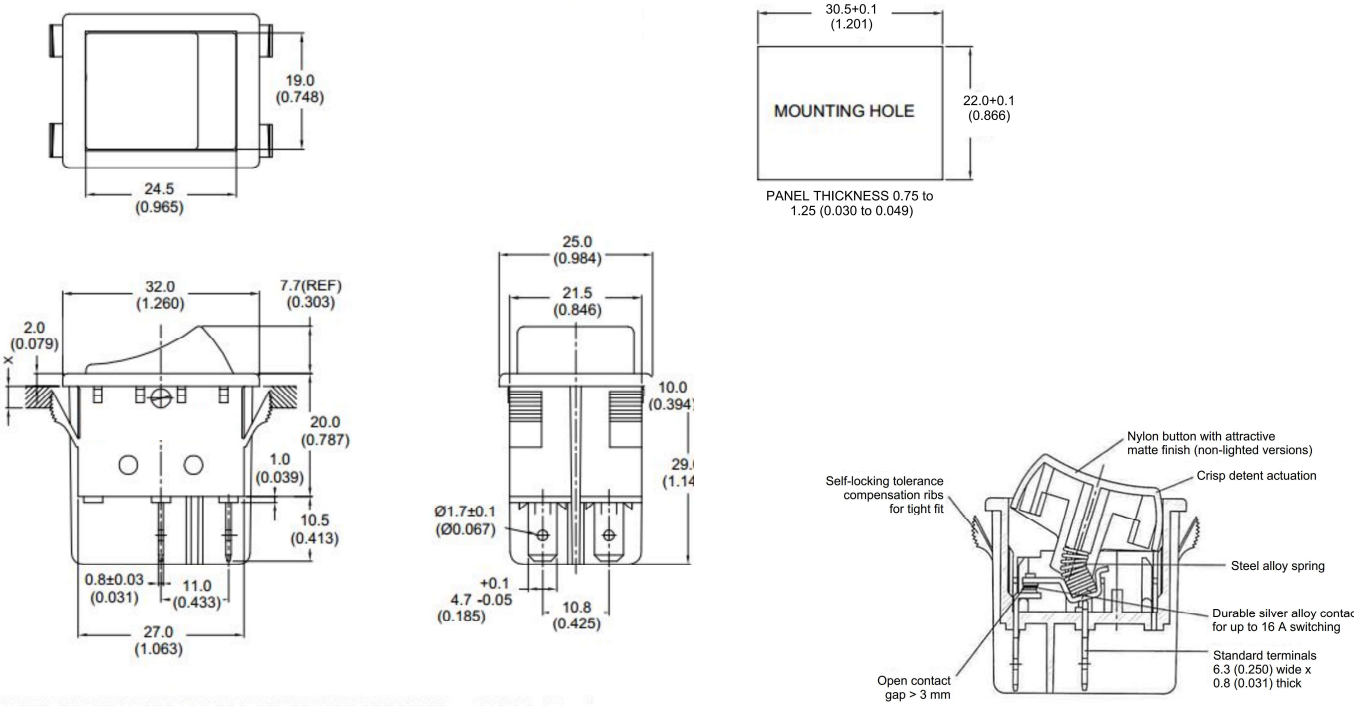
Material and Environmental Specifications

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

Circuitry and Switch Functions



Dimensions mm (inches)



NOTE: TOLERANCES ±0.012 (0.3) UNLESS OTHERWISE SPECIFIED