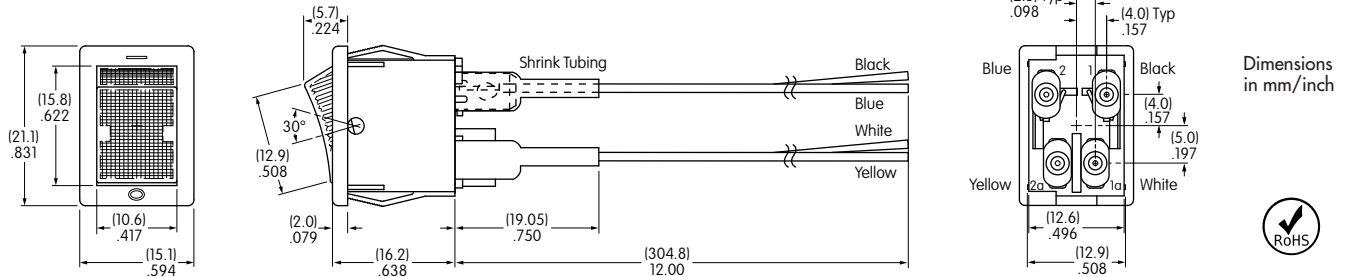


CWSB21FAFF-WL



DOUBLE POLE WITH SOLDER LUG

Base Switch	Pole	Rocker Position			Connected Terminals			Throw & Switch/Lamp Schematic
		Down	Center	Up	Down	Center	Up	
CWSB21FAFF	DP	ON	NONE	OFF	1-1a	2-2a	OPEN	OPEN

Note: Terminal numbers are actually on the switch.

Wiring					Wire Specifications		Panel Cutout
No. of Wires	Terminal 1	Terminal 1a	Terminal 2	Terminal 2a	UL1015	Temperature Range: -40°C ~ +105°C (-40°F ~ +221°F)	Panel Thickness Range: .030" ~ .079" (0.75mm ~ 2.0mm)
4	Black	White	Blue	Yellow	600V	Stripped Wire Ends 1/4"	

Neon Lamp Color & Specifications

The Neon lamp is factory assembled and not available separately.
The lamp circuit is synchronous to the switching circuit.
Electrical specifications are determined at a basic temperature of 25°C.

Green Illumination	Voltage (V)	125V AC
Internal Series Resistance	68K ohms	
Current (I)	0.6mA	
Endurance (Hours)	8,000	

Base Switch Specifications

Electrical Capacity (Resistive Load)

Power Level: 9A @ 125V AC

Other Ratings

Contact Resistance:	20 milliohms maximum
Insulation Resistance:	500 megohms minimum @ 500V DC
Dielectric Strength:	1,500V AC minimum between contacts for 1 minute minimum; 3,000V AC minimum between contacts & case for 1 minute minimum
Mechanical Life:	30,000 operations minimum
Electrical Life:	10,000 operations minimum
Nominal Operating Force:	10.0N
Angle of Throw:	30°

Materials & Finishes

Rocker:	Polycarbonate	Stationary Contacts:	Silver alloy
Housing:	Polyamide	Switch Terminals:	Brass with silver plating
Movable Contactor:	Beryllium copper with silver plating	Lamp Terminals:	Brass with silver plating
Movable Contacts:	Silver alloy		

Environmental Data

Operating Temp Range:	-20°C through +85°C (-4°F through +185°F)
Humidity:	90 ~ 95% humidity for 96 hours @ 40°C (104°F)
Vibration:	10 ~ 55Hz with peak-to-peak amplitude of 0.75mm traversing the frequency range & returning in 1 minute; 3 right angled directions for 2 hours
Shock:	50G (490m/s ²) acceleration (tested in 6 right angled directions, with 5 shocks in each direction)

Standards & Certifications for Base Switch

UL:	File No. E44145 9A @ 125V AC Markings on case are standard.	CSA:	File No. 0701166_0_000 9A @ 125V AC Markings on case are standard.
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