

BNT

SPECIFICATIONS

Electrical Ratings	3A @ 120VAC, 28VDC; 1A @ 250VAC See Contact Options	
Electrical Life	30,000 cycles typical	
Contact Resistance	< 20 m Ω max initial @ 2-4VDC, 100mA	
Dielectric Strength	1500Vrms min	
Insulation Resistance	> 100MΩ min	
Operating Temperature	-40°C to 85°C	
Storage Temperature	-40°C to 85°C	

MATERIALS ← RoHS COMPLIANT

Actuator	Brass, Chrome Plated
Housing	DAP – Diallyl Phthalate
Cover	Stainless Steel
Bushing	Brass, Nickel Plated
Contacts	Copper Alloy, Silver or Gold Plated
Terminals	Brass, Silver or Gold Plated



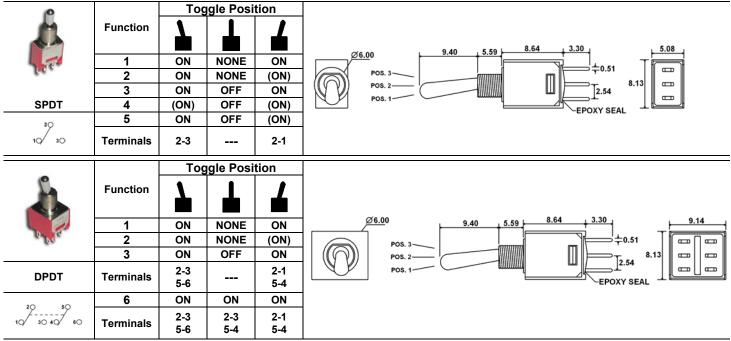
CNUS - E222871

ORDERING INFORMATION

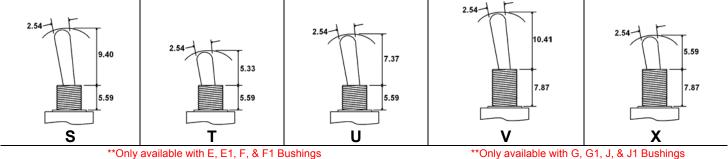
Series:	BNT	2	1	U	E1	С	Q	Е
BNT		_						
Number of Poles:								
1 = SPDT								
2 = DPDT								
Switch Function:								
1 = ON-NONE-ON								
2 = ON-NONE-(ON)								
3 = ON-OFF-ON								
4 = (ON)-OFF-(ON) ** 5 = ON-OFF-(ON) **								
6 = ON-ON-ON ** See								
Actuator:			ing Section for Details					
T = 5.33mm, Std, ava	ilable or	F/F1/F	/F1 Bushings					
U = 7.37mm, Std, ava								
S = 9.40mm, Std, ava								
X = 5.59mm, Std, ava								
V = 10.41mm, Std, av	ailable c	on G/G1	/J/J1 Bushings					
Bushing:								
E / E1 = 5.59mm, 10-4								
F / F1 = 5.59mm, 10-4								
$J/J1 = 6.60$ mm, $\frac{1}{4}$ -40								
$G / G1 = 7.87$ mm, $\frac{1}{4}$ -4	40NS / N	Non-Ihr	eaded, Flat					
Terminals:								
B = Solder Lug C = PC Pin								
H = Horizontal Mount,	Right A	nale P(Pin: HS = Span-in					
V = Vertical Mount, R								
			5S = Snap-in Support Bracket					
Contacts:								
Q = Silver Plated								
R = Gold Plated								
G = Gold over Silver F	Plated							
Epoxy Seal:								
E = Epoxy Seal								



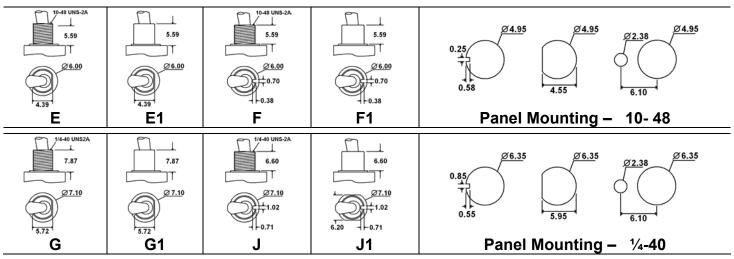
SWITCH FUNCTION



ACTUATOR OPTIONS



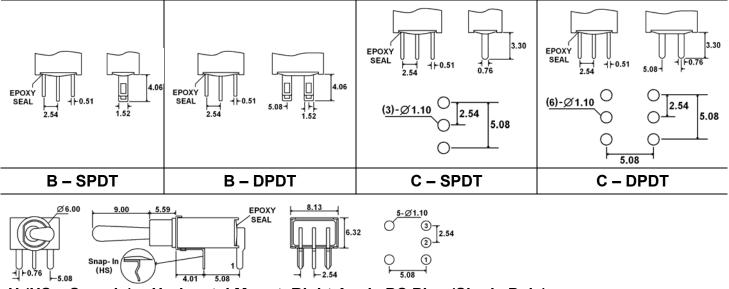
BUSHING OPTIONS



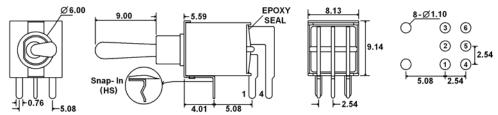




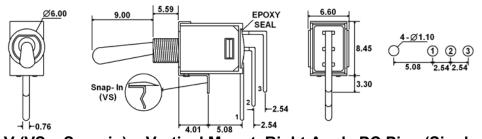
TERMINAL OPTIONS



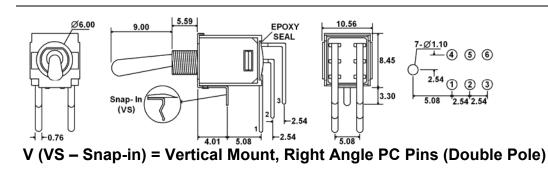
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (Single Pole)



H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (Double Pole)

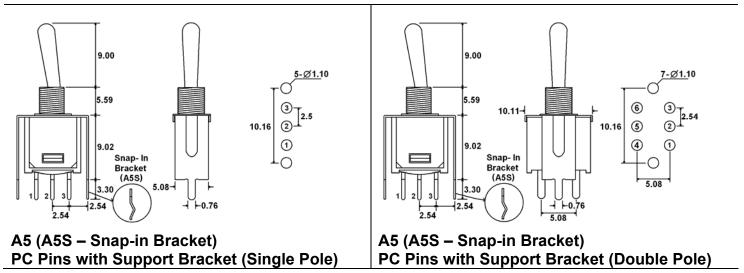








TERMINAL OPTIONS



CONTACT OPTIONS

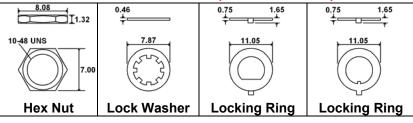
Designator	Contact Material	Terminal Material	Electrical Ratings
Q	Silver Plating	Silver Plating	3A @ 120VAC, 28VDC; 1A @ 250VAC
R	Gold over Nickel Plating	Gold over Nickel Plating	.4 VA max @ 20VAC or VDC max
G	Gold over Silver Plating	Gold over Silver Plating	.4 VA max @ 20VAC or VDC max or
		_	3A @ 120VAC, 28VDC; 1A @ 250VAC

THREE WAY WIRING DIAGRAM

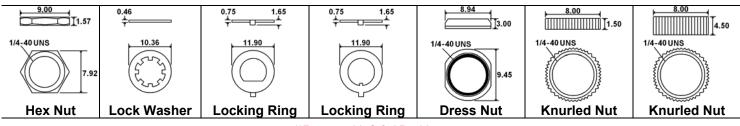
	POSITION 1	POSITION 2	POSITION 3
	KEYWAY	KEYWAY	KEYWAY
	OR FLAT	OR FLAT	OR LAT
Customer must wire externally	out 6 3	6 3	6 3
	1 5 2 IN	5 2IN	3 2IN
	4 1	out 4 1	4 1) OUT



HARDWARE **Two hex nuts, one lock washer, & one locking ring supplied standard with threaded bushings



**For use with E & F Bushings



**For use with G & J Bushings