

Series - C100, W100, WC150

PUSHBUTTON SWITCHES Uniform Panel Appearance Switches

FEATURES		SPECIFICATIONS		CURRENT RATINGS					
• Low level switching capability • Moisture-proof • Momentary action (except #7 button) • Push-Pull action (#7 button only) • Up to 1 million mechanical cycles • EMI/RFI shielding available • Tease resistant, snap action • Six circuit arrangements available • Various adapter, button styles and colors • High contact pressure • Compact size • Corrosion resistant case and adapters	• MS27903 (WC150 series only) • Operating temperature: -40°F to +158°F (-40°C to +70°C) • Electrical life: 25,000 cycles at rated load • Operating force: Approx. 2.5-5 lbs (Momentary) Approx. 1.5-2.5 lbs (Push-Pull) • Total plunger travel: 0.085 in. (2.16mm) approx. • W100 and WC150 exceeds seal level 2 per MIL-PRF-8805 • C100 series unsealed	28VDC			125VAC 60/400 HZ				
		Part Number	Resistive Load	Inductive Load	Lamp	Resistive Load	Inductive Load ^①	Lamp	
		C100 Series	10 ^②	5	3	10 ^②	5	3	
		W100 Series	10 ^②	5	3	10 ^②	5	3	
		WC1500 Series	—	2	—	—	—	—	
		W403 P6 (R) ^④	10	5	—	—	—	—	
^① 3 amps max. through center terminal of A800 and A11200									
^② 3 amps max. through center terminal of W104 and W105									
^③ p.f. = .75									
^④ EMI/RFI shielded									

SELECTION TABLE

SERIES AND TYPE

		Base Switch - Catalog Number				Options - Suffix Number				
		Solder Lug Terminals				Mounting Adapters		Auxiliary Buttons		
		Non-Sealed		Sealed		Type	Color	Style	Color	
		Normal Force	Light Op. Force (2 +/- .5 lb.)	Normal Force	Light Op. Force (2 +/- 1 lb.)					
C100		SP-NO	C100	C111	-	-	Standard: N, P, PA, W, L (with #5 button only) Optional: D, E, HA, J, M, PL, U, Y	B=Black R=Red No Alpha=Clear	2, 6, or 7 on switch without adapter	No Alpha= Black R=Red W=White
	SP-NC	C3100	C112	-	-	2, 3, 4 or 7 on switches with adapter				
	1 P.D.T-2 Ckt.	C200	C113	-	-					
	SP-NO 3Term.	A800	C114	-	-					
	SP-NC 3Term.	A11200	C115	-	-					
	1 P.D.T. Dbl Brk	C4100	C116	-	-					
W100		SP-NO	-	-	W101	W111	Standard: N, P, PA, W, L (with #5 button only) Optional: D, E, HA, J, M, PL, U, Y	B=Black R=Red No Alpha=Clear	2, 3, 4, 6 or 7	No Alpha= Black R=Red W=White
	SP-NC	-	-	W102	W112					
	1 P.D.T-2 Ckt.	-	-	W103	W113					
	SP-NO 3Term.	-	-	W104	W114					
	SP-NC 3Term.	-	-	W105	W115					
	1 P.D.T. Dbl Brk	-	-	W106	W116					
WC150		2 P.D.T. 4 Ckt. May be Jumpered for 2 P.D.T.	-	-	WC150	-			2, 3, 4, 6 or 7	

WHEN ORDERING SPECIFY...

- **Catalog number of base switch** - followed by suffix numbers of options (when required) as selected from Selection Table.

Order Example:

C100	HA	6	C100HA6
C100	None	7R	C1007R
Base Switch Catalog Number	Mtg. Adapter and Color	Button Style and Color	Complete Number

STANDARD
0.00 = inches
[0,0] = mm

Dimensions for reference only.

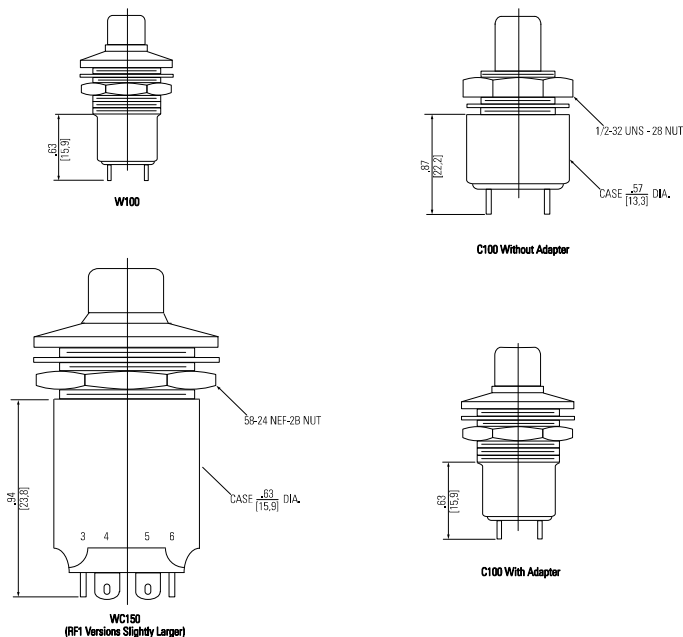
W 1 0 1 P B 6 R	
W	BASE SWITCH AND CIRCUIT
1	ADAPTER TYPE
0	ADAPTER COLOR
1	ADAPTER STYLE
P	ADAPTER COLOR
B	ADAPTER TYPE
6	ADAPTER COLOR
R	ADAPTER STYLE

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APPROXIMATE DIMENSIONS - PUSHBUTTON SWITCHES



APPROXIMATE DIMENSIONS - AUXILIARY BUTTONS

	Style Number 2		Style Number 3		Style Number 4		Style Number 6		Style Number 7	
	A	B	A	B	A	B	A	B	A	B
	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.
Series C100										
Without Adapter	7.9	.31	7.9	.31	-	-	7.9	.31	7.9	.31
With Adapter	9.5	.37	7.9	.31	9.5	.37	-	-	7.9	.31
Series W100 & WC150										
With Adapter	9.5	.37	7.9	.31	9.5	.37	9.5	.37	9.5	.37
Without Adapter		.37		.34		.37		.38		.41

SCHEMATIC DIAGRAMS

SINGLE POLE NORMALLY OPEN	SINGLE POLE NORMALLY CLOSED	SINGLE POLE DOUBLE THROW 2 CIRCUITS	SINGLE POLE NORMALLY OPEN 3 TERMINALS	SINGLE POLE NORMALLY CLOSED 3 TERMINALS	SINGLE POLE DOUBLE THROW (TERMINAL JUMPER SUPPLIED UNINSTALLED)

STANDARD

0.00 = inches

[0,0] = mm

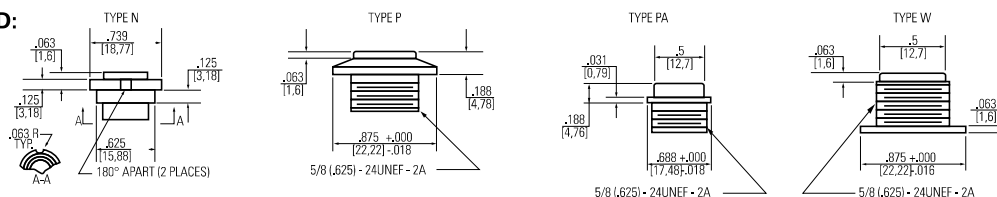
Dimensions for reference only.

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APPROXIMATE DIMENSIONS - MOUNTING ADAPTERS

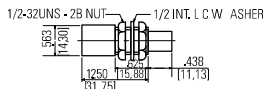
STANDARD:



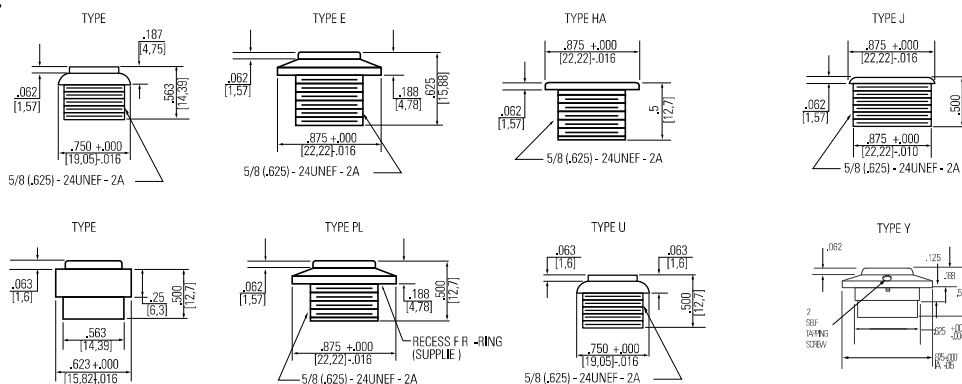
PLUNGER CAP COLORS:

CHROME: NO LETTER
 RED: R
 BLACK: B
 TOTAL PLGR TRAVEL: .438 APPROX.
 OVERTRAVEL: .313 APPROX.

TYPE L WITH 5 PLUNGER CAP



OPTIONAL:

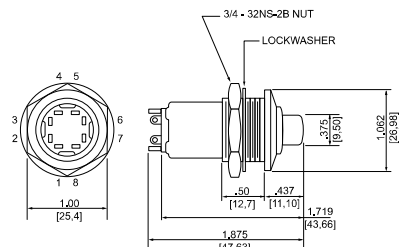


NOTE: INTERNAL THREADS 1/2 - 32 UNS-2B

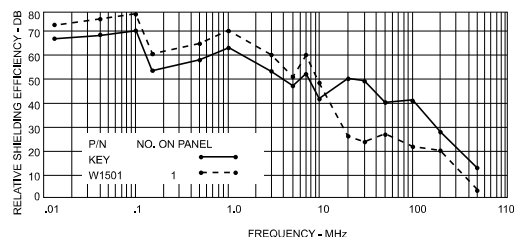
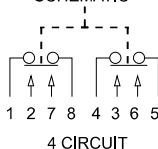
EMI/RFI SHIELDED



W1501



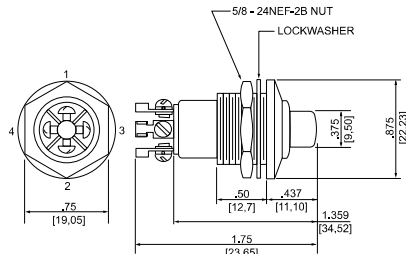
SCHEMATIC



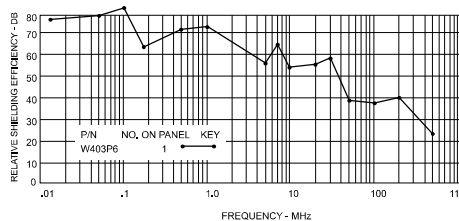
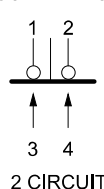
Graphic Illustration defines relative shielding efficiency of RFI shielded component/ components over unshielded device.



W403P6



SCHEMATIC



Graphic Illustration defines relative shielding efficiency of RFI shielded component/ components over unshielded device.

STANDARD

0.00 = inches

[0.0] = mm

Dimensions for reference only.