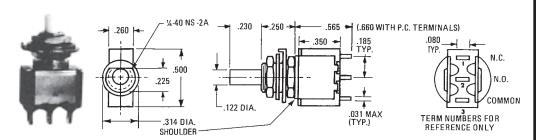


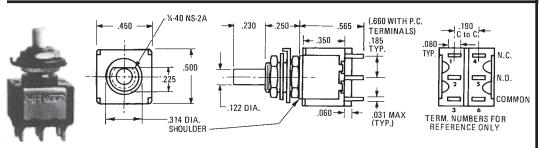
Sensitive Snap-Action Pushbutton Switches — Solder and P.C. Terminals (Momentary Action)

PS SERIES 5 AMP. (S.P.) 1 AMP (D.P.) 0.4 VA

DIRECT PANEL MOUNT



ONE POLE



TWO POLE

Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	Solder lug Printed Circuit Terminals	1 - One 1 2 - Two 1	0 - No Cap 1200 Dia. 2375 Dia. 3450 Sq. 4310 Dia. 5780 Sq. 3	0 - No Cap 1 - Black 2 - White 3 - Ted	B - Gold/Nickel/Brass 2 G - Gold/Nickel/ Silver 1 2 Q - Coin Silver 1

- 1 Single pole circuit rated 5 amps, double pole circuit rated 1 amp.
- 2 Ratings are 0.4 VA 28 BAC or DC
- 3 Supplied with .90" square black bezel as Standard

EXAMPLES:

PS1-100Q = One-pole, S.L., 5 amp., No Cap,

Coin Silver Contacts

PS2-221B = Two-pole, PC, .4 VA, .375 Dia., Black Cap., Gold/Nickel/Brass Contacts

NEW .780" SQUARE CAP AND BEZEL







W-NU-29A W-NU-30A DECORATIVE FACE NUTS (SEE NOTE UNDER MATERIALS)

SPECIFICATIONS

Contact Rating – Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G - (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 V max. (AC or DC).

Contact Resistance – 50 milliohms maximum. **Insulation Resistance** – 1,000 megohms minimum.

Dielectric Strength – 1,000 volts RMS minimum at sea level.

Electrical Life – 60,000 cycles minimum at full load-resistive.

Maximum Allowable Installation Force on Plunger – 10 pounds.

Multi-pole contacts do not make and break simultaneously.

MATERIALS

Case — Diallyl Phthalate.

Bushing — Brass, nickel plated.

Housing — Stainless steel.

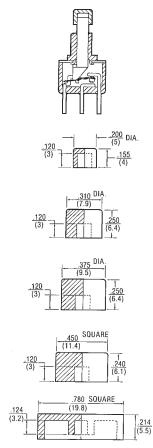
Plunger — Thermoplastic.

Common Contact — Refer to contact material table above.

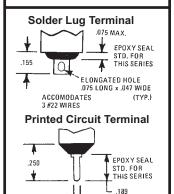
Center & End Contact — Refer to contact material table above.

Hardware — (2) Hex nuts W-NU-11, brass nickel plated. (1) Internal tooth lockwasher W-WA-16, steel chromium plated. (1) Locking Ring W-RI-16, C.R.S. nickel plated.

Decorative Face Nuts — Brass, bright chrome plated. See Page 16 for complete dimensions.



Description	P/N	Color
0 "0	W-KN-16	Black
Small Cap .200	W-KN-16A	White
	W-KN-16B	Red
Medium Cap .310	W-KN-32	Black
	W-KN-32A	White
	W-KN-32B	Red
Large Cap	W-KN-17	Black
	W-KN-17A	White
.575	W-KN-17B	Red
	W-KN-18	Black
Square Cap .450	W-KN-18A	White
.430	W-KN-18B	Red
	W-KN-52	Black
.780 Square Cap	W-KN-52A	White
Сар	W-KN-52B	Red
.90 Square Bezel	Bezel W-BZ-21	Black

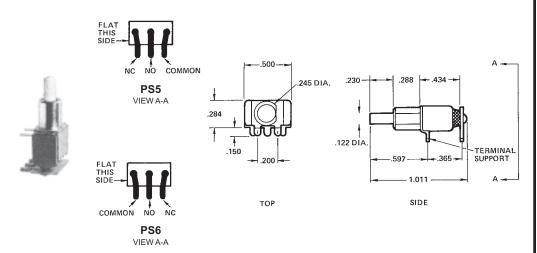






Sensitive Snap-Action Pushbutton Switches — P.C. Terminals (Momentary Action)

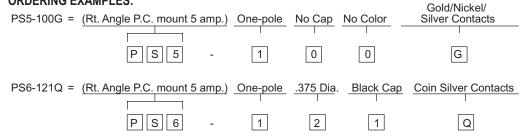
RIGHT ANGLE MOUNT IN P.C. BOARDS (HORIZONTAL)



Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	5 - Rt. Angle P.C. Mount 6 - Rt. Angle P.C. Mount	1 - One	0 - No Cap 1200 Dia. 2375 Dia. 3450 Sq. 4310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass 2 G - Gold/Nickel/Silver 12 Q - Coin Silver 2

Rating is 5 amps — 125 VAC or 28 VDC.
 Ratings are 0.4 VA — 28 VAC or DC.

ORDERING EXAMPLES:



SPECIFICATIONS

Contact Rating — Letter codes G and Q — 5 amp resistive @ 125 VAC or 28 VDC.

Letter codes B and G — 0.4 volts-amps (VA) maximum @ 28 VAC or DC.

Contact Resistance — 50 milliohms maximum.

Insulation Resistance — 1,000 megohms minimum.

Dielectric Strength — 1,000 volts RMS minimum at sea level.

Electrical Life — 60,000 cycles minimum at full load.

Maximum Allowable Installation Force on Plunger — 10 pounds.

MATERIALS

Case — Diallyl Phthalate.

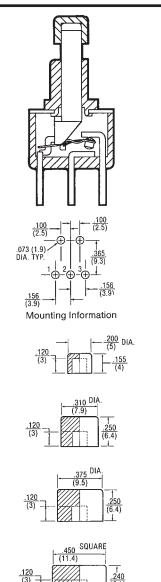
Bushing — Brass, nickel plated.

Housing — Stainless steel.

Plunger — Thermoplastic.

Common Contact — Refer to contact material table above.

Center & End Contact — Refer to contact material table above.



Description	P/N	Color
Small Cap .200	W-KN-16	Black
	W-KN-16A	White
	W-KN-16B	Red
	W-KN-32	Black
Medium Cap 310	W-KN-32A	White
.010	W-KN-32B	Red
	W-KN-17	Black
Large Cap 375	W-KN-17A	White
.010	W-KN-17B	Red
	W-KN-18	Black
Square Cap 450	W-KN-18A	White
00	W-KN-18B	Red



Sensitive Snap-Action Pushbutton Switches — P.C. Terminals (Momentary Action)

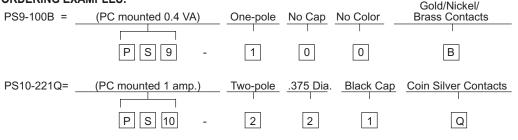


RIGHT ANGLE P.C. MOUNT SWITCHES

Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	9 - Horizontal Right Angle 10 - Vertical Right Angle (.100 Terminal Spacing) 11 - Vertical Right Angle 0.4 VA (.150 Terminal Spacing)	1 - One 1 2 - Two 1	0 - No Cap 1200 Dia. 2375 Dia. 3450 Sq. 4310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass 2 G - Gold/Nickel/Silver 1 2 Q - Coin Silver 1

Single pole circuit rated 5 amps, double pole circuit rated 1 amp.
 Ratings are 0.4 VA — 28 VAC or DC.

ORDERING EXAMPLES:



SPECIFICATIONS

Contact Rating — Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G — (1 and 2 Poles) 0.4 Voltamps (VA) maximum @ 28 V maximum (AC or DC).

Contact Resistance — 50 milliohms maximum.

 $\begin{array}{l} \textbf{Insulation Resistance} -- 1,000 \ \text{megohms minimum.} \\ \textbf{Dielectric Strength} -- 1,000 \ \text{volts RMS minimum at} \\ \text{sea level.} \end{array}$

Electrical Life — 60,000 cycles minimum at full load-resistive.

Maximum Allowable Installation Force on Plunger — 10 pounds.

Multi-pole contacts do not make and break simultaneously.

MATERIALS

Case — Diallyl Phthalate.

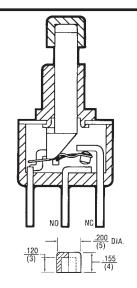
Bushing — Brass, nickel plated.

Housing — Stainless steel.

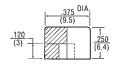
Plunger — Thermoplastic.

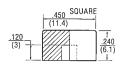
Common Contact — Refer to contact material table above.

Center & End Contact — Refer to contact material table above.









Description	P/N	Color
0 "0	W-KN-16	Black
Small Cap .200	W-KN-16A	White
	W-KN-16B	Red
Medium Cap .310	W-KN-32	Black
	W-KN-32A	White
	W-KN-32B	Red
	W-KN-17	Black
Large Cap 375	W-KN-17A	White
.070	W-KN-17B	Red
_	W-KN-18	Black
Square Cap .450	W-KN-18A	White
	W-KN-18B	Red

Right Angle P.C. Terminal



1 Pole P.C. Mounting

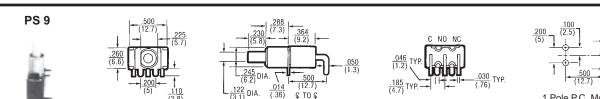
<u>073</u> DIA. TYP



5 AMP. (S.P.) 1 AMP. (D.P.) **SERIES** 0.4VA

Sensitive Snap-Action Pushbutton Switches — **P.C. Terminals (Momentary Action)**

RIGHT ANGLE P.C. MOUNT SWITCHES



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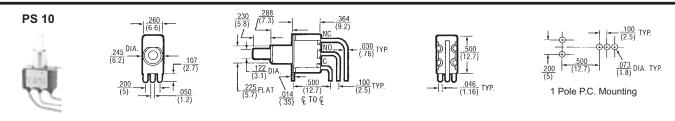
<u>.122</u> DIA. (3.1)

ONE POLE

EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.



EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.

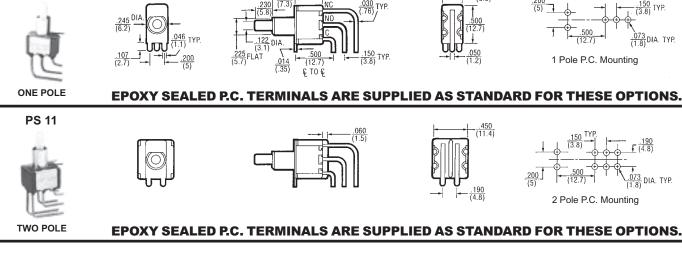


EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.



EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.





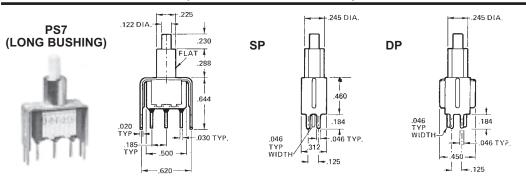
7 Litho in U.S.A GG

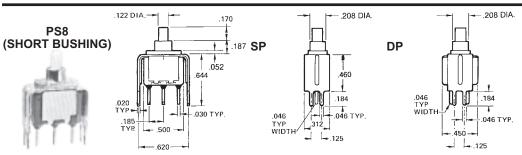


Sensitive Snap-Action Pushbutton Switches — **P.C. Terminals (Momentary Action)**

5 AMP. (S.P.) 1 AMP. (D.P.) **SERIES** 0.4 VA

VERTICAL P.C. MOUNT (.460 x .620 BRACKET)



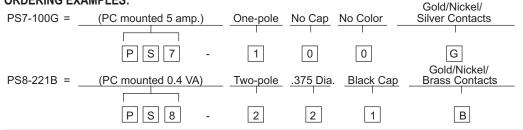


Basic P/N	Terminal Type	Poles	Poles Cap Size		Contact Material-Type
PS	7 - PC Mounted 8 - PC Mounted	1 - One 1 2 - Two 1	0 - No Cap 1200 Dia. 2375 Dia. 3450 Sq. 4310 Dia.	0 - No Cap 1 - Black 2 - White	B - Gold/Nickel/Brass 2 G - Gold/Nickel/Silver 2 Q - Coin Silver 1

Single pole circuit rated 5 amps, double pole circuit rated 1 amp.

Ratings are 0.4 VA — 28 VAC or DC.

ORDERING EXAMPLES:



SPECIFICATIONS

Contact Rating - Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp (28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G - (1 and 2 Poles) 0.4 Voltamps (VA) maximum @ 28 V maximum (AC or DC). Contact Resistance – 50 milliohms maximum.

Insulation Resistance – 1,000 megohms minimum. Dielectric Strength - 1,000 volts RMS minimum at sea level

Electrical Life - 60,000 cycles minimum at full loadresistive.

Maximum Allowable Installation Force on Plunger 10 pounds.

Multi-pole contacts do not make and break simultaneously.

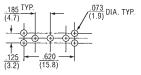
MATERIALS

Case — Diallyl Phthalate.

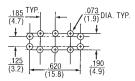
Bushing — Brass, nickel plated. Housing — Stainless steel. Plunger — Thermoplastic.

Common Contact — Refer to contact material table above.

Center & End Contact — Refer to contact material table above.

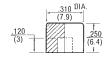


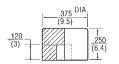
1 Pole P.C. Mounting

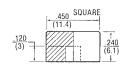


2 Pole P.C. Mounting









Description	P/N	Color
0 110	W-KN-16	Black
Small Cap .200 Medium Cap .310	W-KN-16A	White
	W-KN-16B	Red
	W-KN-32	Black
	W-KN-32A	White
	W-KN-32B	Red
	W-KN-17	Black
Large Cap 375	W-KN-17A	White
.373	W-KN-17B	Red
Square Cap .450	W-KN-18	Black
	W-KN-18A	White
	W-KN-18B	Red

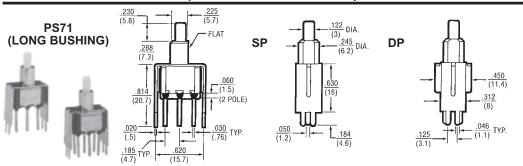


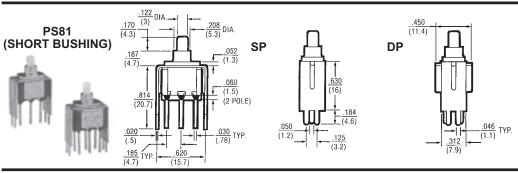


Sensitive Snap-Action Pushbutton Switches -P.C. Terminals (Momentary Action)



VERTICAL P.C. MOUNT (.630 x .620 BRACKET)

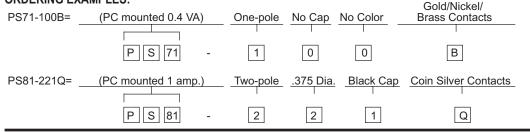




Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	71 - PC Mounted 81 - PC Mounted	1 - One 1 2 - Two 1	0 - No Cap 1200 Dia. 2375 Dia. 3450 Sq. 4310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass 2 G - Gold/Nickel/Silver 1 2 Q - Coin Silver 1

- Single pole circuit rated 5 amps, double pole circuit rated 1 amp.
- Ratings are 0.4 VA 28 VAC or DC.

ORDERING EXAMPLES:



SPECIFICATIONS

Contact Rating - Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G - (1 and 2 Poles) 0.4 Voltamps (VA) maximum @ 28 V maximum (AC or DC). Contact Resistance - 50 milliohms maximum.

Insulation Resistance - 1,000 megohms minimum. Dielectric Strength - 1,000 volts RMS minimum at sea level.

Electrical Life - 60,000 cycles minimum at full load-

Maximum Allowable Installation Force on Plunger 10 pounds.

Multi-pole contacts do not make and break simultaneously.

MATERIALS

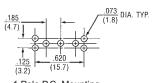
Case — Diallyl Phthalate.

Bushing — Brass, nickel plated.

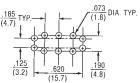
Housing — Stainless steel. Plunger — Thermoplastic.

Common Contact — Refer to contact material table above.

Center & End Contact — Refer to contact material table above.



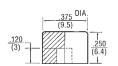
1 Pole P.C. Mounting

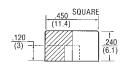


2 Pole P.C. Mounting









Description	P/N	Color
	W-KN-16	Black
Small Cap .200	W-KN-16A	White
.200	W-KN-16B	Red
	W-KN-32	Black
Medium Cap .310	W-KN-32A	White
.010	W-KN-32B	Red
	W-KN-17	Black
Large Cap 375	W-KN-17A	White
.575	W-KN-17B	Red
Square Cap	W-KN-18	Black
	W-KN-18A	White
.400	W-KN-18B	Red

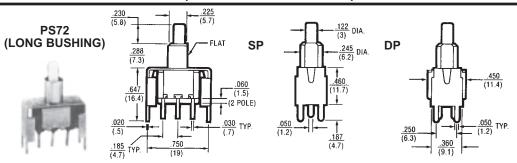


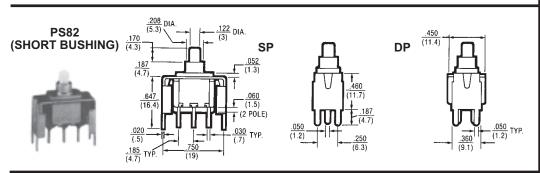


Sensitive Snap-Action Pushbutton Switches — **P.C. Terminals (Momentary Action)**



VERTICAL P.C. MOUNT (.460 x .750 BRACKET)





Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	72 - PC Mounted 82 - PC Mounted	1 - One 1 2 - Two 1	0 - No Cap 1200 Dia. 2375 Dia. 3450 Sq. 4310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass 2 G - Gold/Nickel/Silver 2 Q - Coin Silver 3

- Single pole circuit rated 5 amps, double pole circuit rated 1 amp.
- 2 Ratings are 0.4 VA 28 VAC or DC.

ORDERING EXAMPLES:

PS72-100Q=	(PC mounted 5 amp.)	One-pole	No Cap	No Color	Coin Silver Contacts
	P S 72 -	1	0	0	Q
PS82-221B=	(PC mounted 0.4 VA)	Two-pole	.375 Dia.	Black Cap	Gold/Nickel/ Brass Contacts
	P S 82 -	2	2	1	В

SPECIFICATIONS

Contact Rating – Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G - (1 and 2 Poles) 0.4 Voltamps (VA) maximum @ 28 V maximum (AC or DC). Contact Resistance - 50 milliohms maximum.

Insulation Resistance - 1,000 megohms minimum. Dielectric Strength - 1,000 volts RMS minimum at sea level.

Electrical Life - 60,000 cycles minimum at full loadresistive.

Maximum Allowable Installation Force on Plunger 10 pounds.

Multi-pole contacts do not make and break simultaneously.

MATERIALS

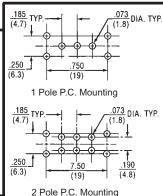
Case — Diallyl Phthalate.

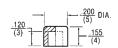
Bushing — Brass, nickel plated.

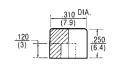
Housing — Stainless steel.
Plunger — Thermoplastic.

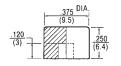
Common Contact — Refer to contact material table above.

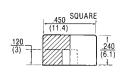
Center & End Contact — Refer to contact material table above.











Description	P/N	Color
Small Cap .200	W-KN-16	Black
	W-KN-16A	White
	W-KN-16B	Red
Medium Cap .310	W-KN-32	Black
	W-KN-32A	White
	W-KN-32B	Red
Large Cap .375	W-KN-17	Black
	W-KN-17A	White
	W-KN-17B	Red
Square Cap .450	W-KN-18	Black
	W-KN-18A	White
	W-KN-18B	Red

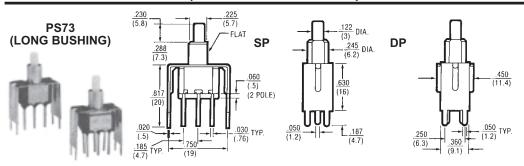


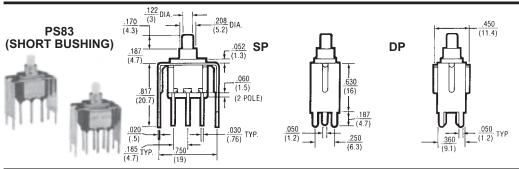


Sensitive Snap-Action Pushbutton Switches — **P.C. Terminals (Momentary Action)**



VERTICAL P.C. MOUNT (.630 x .750 BRACKET)





Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	73 - PC Mounted 83 - PC Mounted	1 - One 2 - Two	0 - No Cap 1200 Dia. 2375 Dia. 3450 Sq. 4310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass 2 G - Gold/Nickel/Silver 12 Q - Coin Silver 2

Single pole circuit rated 5 amps, double pole circuit rated 1 amp.

Ratings are 0.4 VA — 28 VAC or DC.

ORDERING EXAMPLES:

ONDERING EXA	IVII LLO.				Gold/Nickel/
PS73-100G=	(PC mounted 5 amp.)	One-pole	No Cap	No Color	Silver Contacts
_					
	P S 73 -	1	0	0	G
DC02 224D-	(DC may noted 0.4.)(A)	Tue sele	275 D:-	Diagle Can	Gold/Nickel/
PS83-221B=	(PC mounted 0.4 VA)	Two-pole	.375 Dia.	Black Cap	Brass Contacts
	P S 83 -	2	2	1	В

SPECIFICATIONS

Contact Rating - Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G - (1 and 2 Poles) 0.4 Voltamps (VA) maximum @ 28 V maximum (AC or DC). Contact Resistance - 50 milliohms maximum.

Insulation Resistance - 1,000 megohms minimum. Dielectric Strength - 1,000 volts RMS minimum at sea level

Electrical Life - 60,000 cycles minimum at full load-

Maximum Allowable Installation Force on Plunger 10 pounds.

Multi-pole contacts do not make and break simultaneously.

MATERIALS

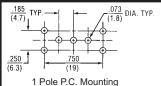
Case — Diallyl Phthalate.

Bushing — Brass, nickel plated.

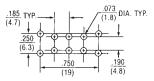
Housing — Stainless steel. Plunger — Thermoplastic.

Common Contact — Refer to contact material table above.

Center & End Contact — Refer to contact material table above.

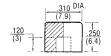






2 Pole P.C. Mounting









Description	P/N	Color
	W-KN-16	Black
Small Cap 200	W-KN-16A	White
.200	W-KN-16B	Red
	W-KN-32	Black
Medium Cap 310	W-KN-32A	White
.010	W-KN-32B	Red
	W-KN-17	Black
Large Cap 375	W-KN-17A	White
.070	W-KN-17B	Red
	W-KN-18	Black
Square Cap .450	W-KN-18A	White
50	W-KN-18B	Red

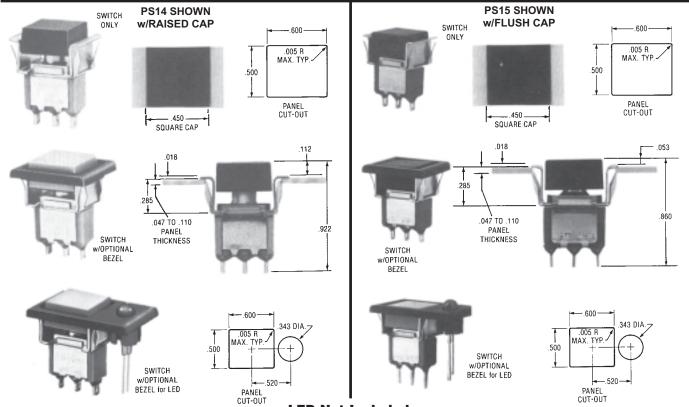




Sensitive Snap-Action Pushbutton Switches — Solder and P.C. Terminals (Momentary Action)



SNAP-IN MOUNT



LED Not Included

	Cap Configuration				Optional Features	
Basic P/N	Terminal-Rating	Poles	Cap Size	Cap Color	Bezel Color & Type	Contact Material-Type
PS	14 - Raised Cap Solder Lug 15 - Flush Cap ⑤ Solder Lug 16 - Raised Cap PC Terminals 17 - Flush Cap ⑥ PC Terminals	1 - One 1 2 - Two 1	0 - No Cap 1450 Sq.	0 - No Cap 1 - White 2 - Black 3 - Red	1 - White 2 - Black 3 - Red 4 - Black or LED	B - Gold/Nickel/Brass 2 G - Gold/Nickel/Silver 1 2 Q - Coin Silver 1

¹ Single pole circuit rated 5 amps, double pole circuit rated 1 amp.

EXAMPLES:

PS14-100Q = Raised Cap, Solder Lug Terminals, 5 Amp, Single Pole, No Cap, Coin Silver Contacts
PS14-1134B = Raised Cap, Solder Lug Terminals, 0.4 VA Rating, Single Pole, .450 Square Red Cap, Black Bezel for LED, Gold/Brass
Contact Material

SPECIFICATIONS

Contact Rating – Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.

Letter codes B and G - (1 and 2 Poles) 0.4 Voltamps (VA) maximum @ 28 V maximum (AC or DC).

Contact Resistance – 50 milliohms maximum.

Insulation Resistance – 1,000 megohms minimum. Dielectric Strength – 1,000 volts RMS minimum at sea level.

Electrical Life – 60,000 cycles minimum at full load-resistive.

Maximum Allowable Installation Force on Plunger – 10 pounds. Multi-pole contacts do not make and break simultaneously.

MATERIALS

Case — Diallyl Phthalate.

Bushing — Brass, nickel plated.

Housing — Stainless steel.

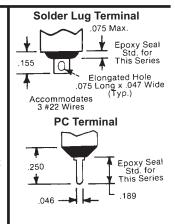
Plunger — Thermoplastic.

Pushbutton Cap — Molded nylon.

Bezel — Molded nylon.

Common Contact — Refer to contact material table above.

Center & End Contact — Refer to contact material table above.



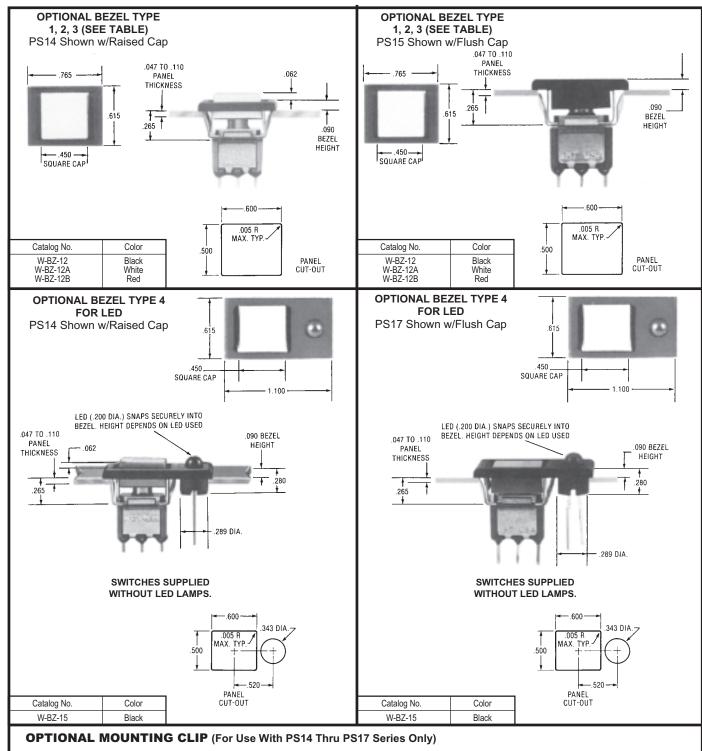
² Ratings are 0.4 VA — 28 BAC or DC.

³ Flush cap is flush to bezel, not to mounting bracket.

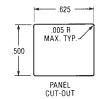


Sensitive Snap-Action Pushbutton Switches — Solder and P.C. Terminals (Momentary Action)

APPROXIMATE DIMENSIONS (For Optional Bezel Types Shown on Page 12)







- For thick plastic panel mount applications (.094" .125" thick)
- For availability consult Electroswitch.

Litho in U.S.A GG

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