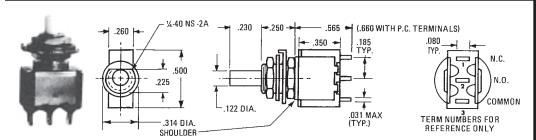
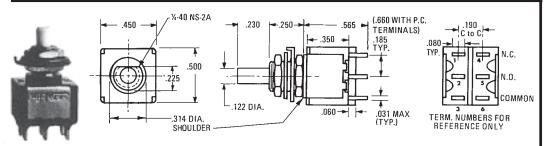


5 AMP. (S.P.) 1 AMP (D.P.) **SERIES** 0.4 VA

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

- 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-NI I-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.

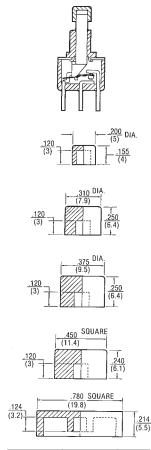
Plunger — Thermoplastic.

Common Contact — Refer to contact material table above.

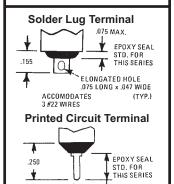
Center & End Contact — Refer to contact material table above.

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.



P/N	Color
W-KN-16	Black
W-KN-16A	White
W-KN-16B	Red
W-KN-32	Black
W-KN-32A	White
W-KN-32B	Red
W-KN-17	Black
W-KN-17A	White
W-KN-17B	Red
W-KN-18	Black
W-KN-18A	White
W-KN-18B	Red
W-KN-52	Black
W-KN-52A	White
W-KN-52B	Red
Bezel W-BZ-21	Black
	W-KN-16 W-KN-16A W-KN-16B W-KN-32 W-KN-32A W-KN-32B W-KN-17 W-KN-17A W-KN-17B W-KN-18 W-KN-18B W-KN-18B W-KN-52 W-KN-52A W-KN-52B Bezel

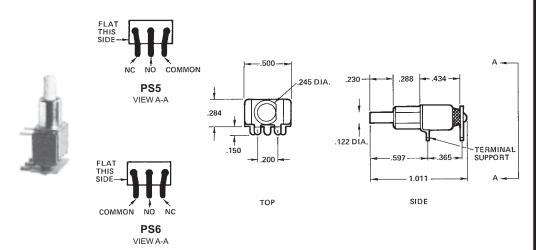


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RIGHT ANGLE MOUNT IN P.C. BOARDS (HORIZONTAL)



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:

PS5-100G =	(Rt. Angle P.C. mount 5 amp.)	One-pole	No Cap	No Color	Gold/Nickel/ Silver Contacts
	P S 5 -	1	0	0	G
PS6-121Q =	(Rt. Angle P.C. mount 5 amp.)	One-pole	.375 Dia.	Black Cap	Coin Silver Contacts
	P S 6 -	1	2	1	Q

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.

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

Maximum Allowable Installation Force on Plunger — 10 pounds.

MATERIALS

Case — Diallyl Phthalate.

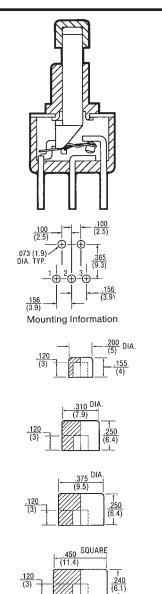
Bushing — Brass, nickel plated.

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	W-KN-16	Black			
	W-KN-16A	White			
.200	W-KN-16B	Red			
Medium Cap	W-KN-32	Black			
	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			
.400	W-KN-18B	Red			



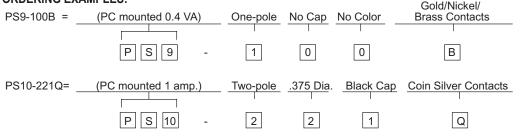


RIGHT ANGLE P.C. MOUNT SWITCHES

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. 28 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 loadresistive.

Maximum Allowable Installation Force on Plunger - 10 pounds.

Multi-pole contacts do not make and break simultaneously.

MATERIALS

Case — Diallyl Phthalate.

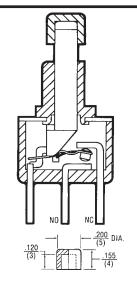
Bushing — Brass, nickel plated.

Housing — Stainless steel.

Plunger — Thermoplastic.

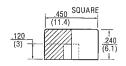
Common Contact — Refer to contact material table above.

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









Description	P/N	Color
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
.010	W-KN-17B	Red
	W-KN-18	Black
Square Cap .450	W-KN-18A	White
.450	W-KN-18B	Red

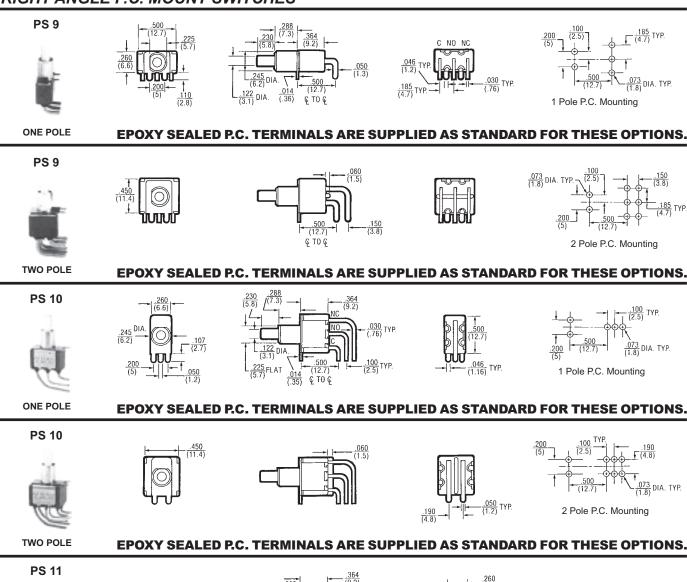
Right Angle P.C. Terminal

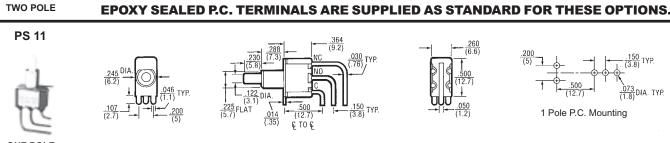


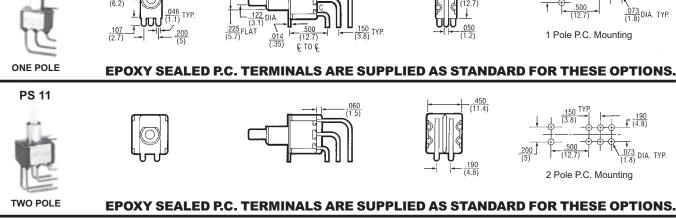




RIGHT ANGLE P.C. MOUNT SWITCHES



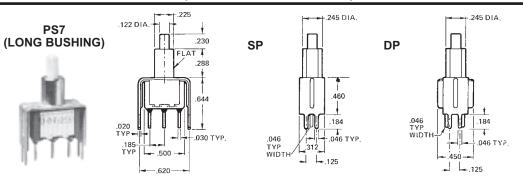


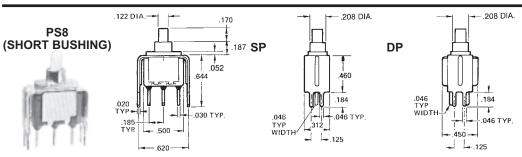




5 AMP. (S.P.) 1 AMP. (D.P.) **SERIES** 0.4 VA

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



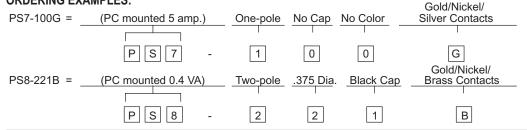


Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	7 - PC Mounted 8 - PC Mounted	1 - One 1 2 - Two 1	0 - No Cap 1200 Dia. 2375 Dia. 3450 Sq. 4310 Dia.	0 - No Cap 1 - Black 2 - White	B - Gold/Nickel/Brass 2 G - Gold/Nickel/Silver 2 Q - Coin Silver 1

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.

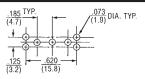
MATERIALS

Case — Diallyl Phthalate.

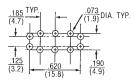
Bushing — Brass, nickel plated. Housing — Stainless steel. Plunger — Thermoplastic.

Common Contact — Refer to contact material table above.

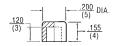
Center & End Contact — Refer to contact material table above.

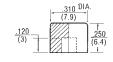


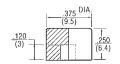
1 Pole P.C. Mounting



2 Pole P.C. Mounting









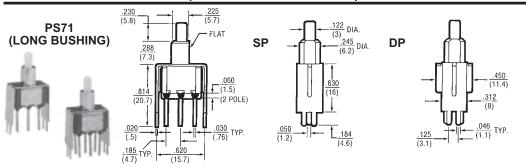
Description	P/N	Color
0 110	W-KN-16	Black
Small Cap .200	W-KN-16A	White
	W-KN-16B	Red
Medium Cap	W-KN-32	Black
	W-KN-32A	White
.010	W-KN-32B	Red
	W-KN-17	Black
Large Cap 375	W-KN-17A	White
.070	W-KN-17B	Red
	W-KN-18	Black
Square Cap .450	W-KN-18A	White
	W-KN-18B	Red

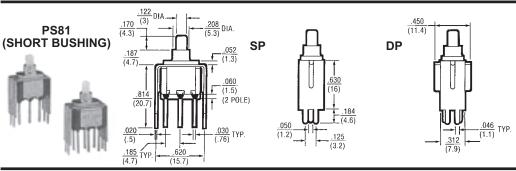






VERTICAL P.C. MOUNT (.630 x .620 BRACKET)





В	asic 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 2 Q - Coin Silver

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

ORDERING EXAMPLES:

PS71-100B=	(PC mounted 0.4 VA)	One-pole	No Cap	No Color	Brass Contacts
	P S 71 -	1	0	0	В
PS81-221Q= _	(PC mounted 1 amp.)	Two-pole	.375 Dia.	Black Cap	Coin Silver Contacts
	P S 81 -	2	2	1	Q

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.

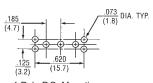
Bushing — Brass, nickel plated.

Housing — Stainless steel.
Plunger — Thermoplastic.

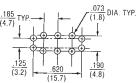
Common Contact — Refer to contact material table above.

Gold/Nickel/

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



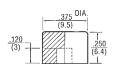
1 Pole P.C. Mounting

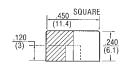


2 Pole P.C. Mounting









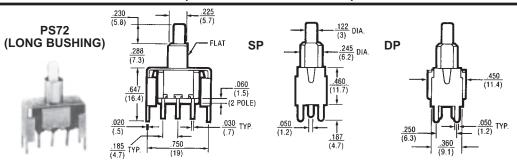
Description	P/N	Color
0 110	W-KN-16	Black
Small Cap 200	W-KN-16A	White
.200	W-KN-16B	Red
Medium Cap	W-KN-32	Black
	W-KN-32A	White
.010	W-KN-32B	Red
	W-KN-17	Black
Large Cap 375	W-KN-17A	White
.070	W-KN-17B	Red
Square Cap	W-KN-18	Black
	W-KN-18A	White
00	W-KN-18B	Red

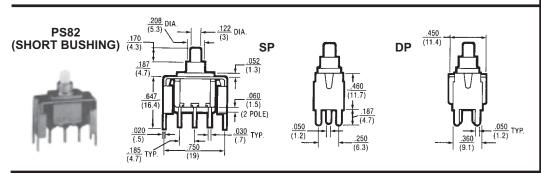




5 AMP. (S.P.) 1 AMP. (D.P.) **SERIES** 0.4 VA

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 1 2 Q - Coin Silver 1

- 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

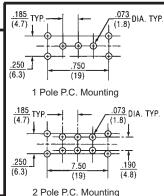
Case — Diallyl Phthalate.

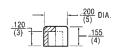
Bushing — Brass, nickel plated.

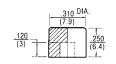
Housing — Stainless steel.
Plunger — Thermoplastic.

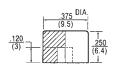
Common Contact — Refer to contact material table above.

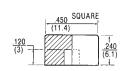
Center & End Contact — Refer to contact material table above.











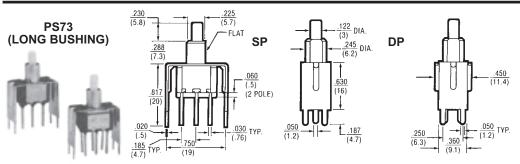
Description	P/N	Color
0 110	W-KN-16	Black
Small Cap .200	W-KN-16A	White
.200	W-KN-16B	Red
Medium Cap .310	W-KN-32	Black
	W-KN-32A	White
	W-KN-32B	Red
Large Cap .375	W-KN-17	Black
	W-KN-17A	White
	W-KN-17B	Red
Square Cap .450	W-KN-18	Black
	W-KN-18A	White
	W-KN-18B	Red

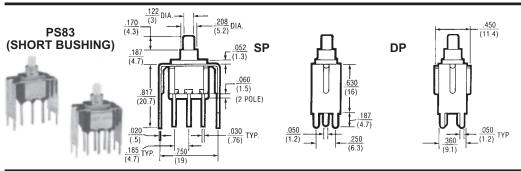






VERTICAL P.C. MOUNT (.630 x .750 BRACKET)





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 1 2 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

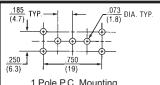
Case — Diallyl Phthalate.

Bushing — Brass, nickel plated.

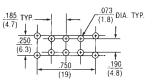
Housing — Stainless steel.
Plunger — Thermoplastic.

Common Contact — Refer to contact material table above.

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



1 Pole P.C. Mounting

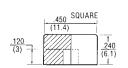


2 Pole P.C. Mounting









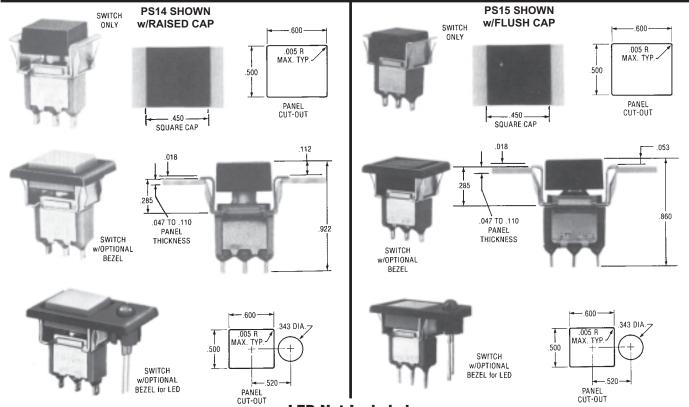
Description	P/N	Color
0 "0	W-KN-16	Black
Small Cap .200	W-KN-16A	White
.200	W-KN-16B	Red
	W-KN-32	Black
Medium Cap .310	W-KN-32A	White
.510	W-KN-32B	Red
Large Cap .375	W-KN-17	Black
	W-KN-17A	White
	W-KN-17B	Red
Square Cap	W-KN-18	Black
	W-KN-18A	White
.400	W-KN-18B	Red







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.

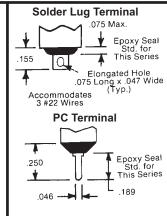
Plunger — Thermoplastic.

Pushbutton Cap — Molded nylon.

Bezel — Molded nylon.

Common Contact — Refer to contact material table above.

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

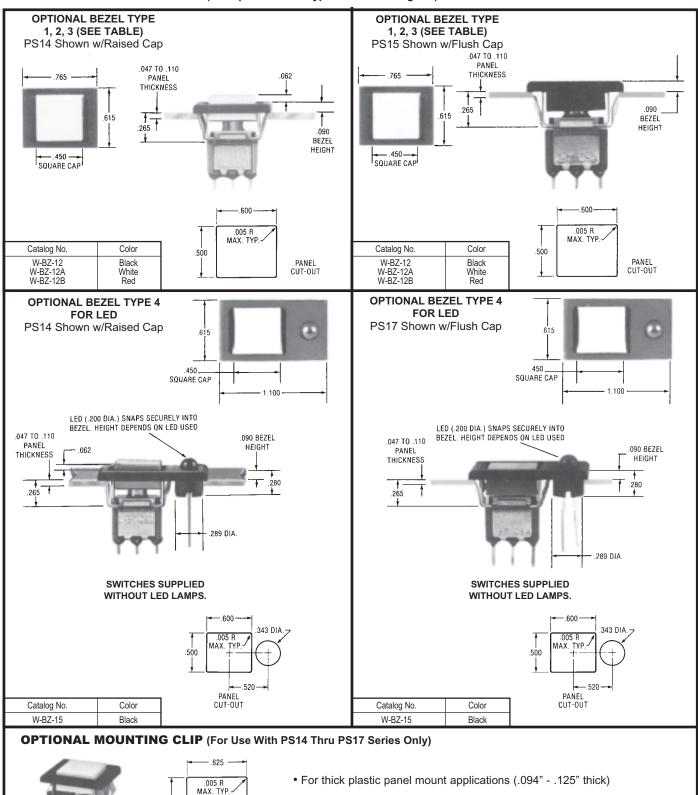


² Ratings are 0.4 VA — 28 BAC or DC.

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



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



· For availability consult Electroswitch.

PANEL CUT-OUT