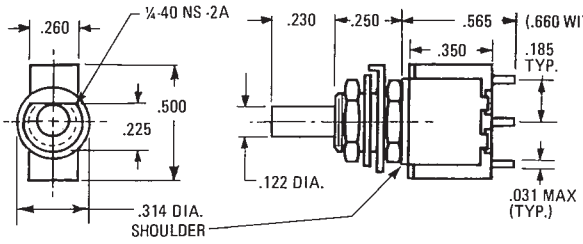
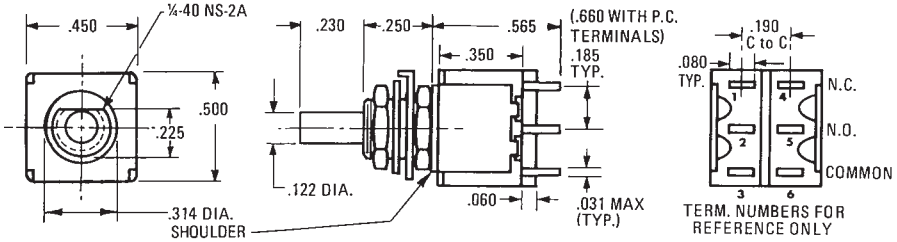
Sensitive Snap-Action Pushbutton Switches — Solder and P.C. Terminals (Momentary Action)

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

DIRECT PANEL MOUNT



ONE POLE

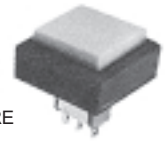


TWO POLE

Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	1 - Solder lug 2 - Printed Circuit Terminals	1 - One ❶ 2 - Two ❶	0 - No Cap 1 - .200 Dia. 2 - .375 Dia. 3 - .450 Sq. 4 - .310 Dia. 5 - .780 Sq. ❸	0 - No Cap 1 - Black 2 - White 3 - Ted	B - Gold/Nickel/Brass ❷ G - Gold/Nickel/Silver ❶❷ Q - Coin Silver ❶

❶ Single pole circuit rated 5 amps, double pole circuit rated 1 amp.
❷ Ratings are 0.4 VA — 28 BAC or DC
❸ 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

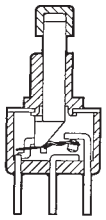
DECORATIVE FACE NUTS
(SEE NOTE UNDER MATERIALS)

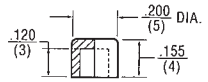
SPECIFICATIONS

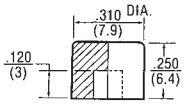
Contact Rating – Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.
Letter codes B and G – (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 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.

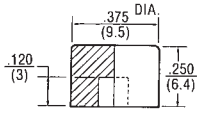
MATERIALS

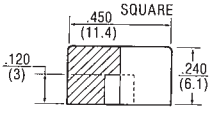
Case — Diallyl Phthalate.
Bushing — Brass, nickel plated.
Housing — Stainless steel.
Plunger — Thermoplastic.
Common Contact — Refer to contact material table above.
Center & End Contact — Refer to contact material table above.
Hardware — (2) Hex nuts W-NU-11, brass nickel plated. (1) Internal tooth 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.

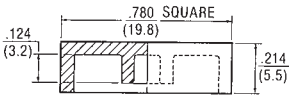






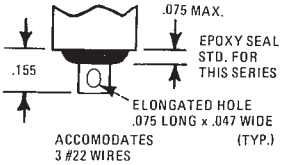




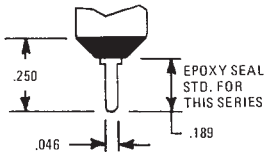


Description	P/N	Color
Small Cap .200	W-KN-16	Black
	W-KN-16A	White
	W-KN-16B	Red
Medium Cap .310	W-KN-32	Black
	W-KN-32A	White
	W-KN-32B	Red
Large Cap .375	W-KN-17	Black
	W-KN-17A	White
	W-KN-17B	Red
Square Cap .450	W-KN-18	Black
	W-KN-18A	White
	W-KN-18B	Red
.780 Square Cap	W-KN-52	Black
	W-KN-52A	White
	W-KN-52B	Red
.90 Square Bezel	Bezel W-BZ-21	Black

Solder Lug Terminal



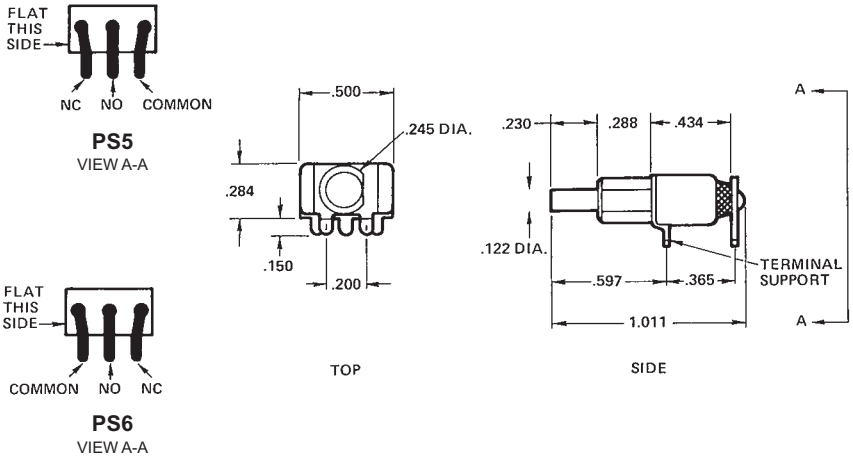
Printed Circuit Terminal

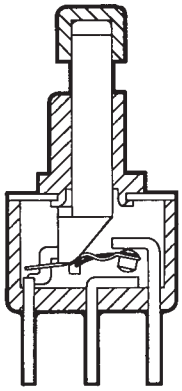


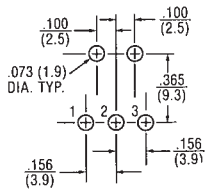
PS SERIES 5 AMP. (S.P.) 0.4VA

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

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



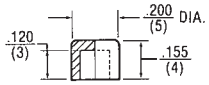


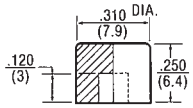


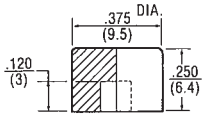
Mounting Information

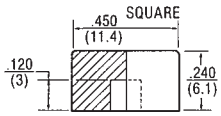
Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	5 - Rt. Angle P.C. Mount 6 - Rt. Angle P.C. Mount	1 - One	0 - No Cap 1 - .200 Dia. 2 - .375 Dia. 3 - .450 Sq. 4 - .310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass ❷ G - Gold/Nickel/Silver ❶❷ Q - Coin Silver ❷

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









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

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.

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.

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

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

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 ❶ 2 - Two ❶	0 - No Cap 1 - .200 Dia. 2 - .375 Dia. 3 - .450 Sq. 4 - .310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass ❷ G - Gold/Nickel/Silver ❶❷ Q - Coin Silver ❶

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

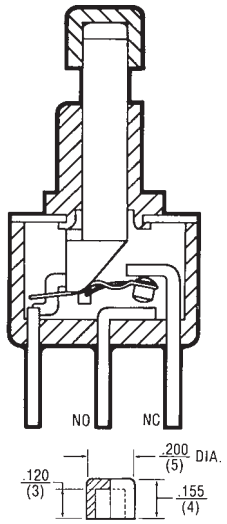
ORDERING EXAMPLES:

PS9-100B = (PC mounted 0.4 VA) — One-pole — No Cap — No Color — Gold/Nickel/Brass Contacts

P S 9 - 1 0 0 B

PS10-221Q= (PC mounted 1 amp.) — Two-pole — .375 Dia. — Black Cap — Coin Silver Contacts

P S 10 - 2 2 1 Q



SPECIFICATIONS

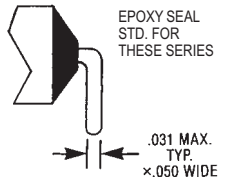
Contact Rating — Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.
Letter codes B and G — (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 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.
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

Right Angle P.C. Terminal

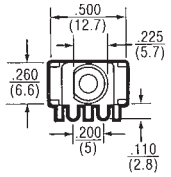


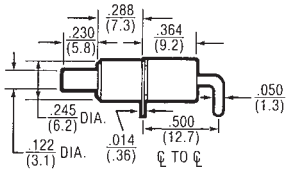
Sensitive Snap-Action Pushbutton Switches — P.C. Terminals (Momentary Action)

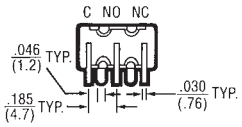
PS SERIES | 5 AMP. (S.P.) 1 AMP. (D.P.) 0.4VA

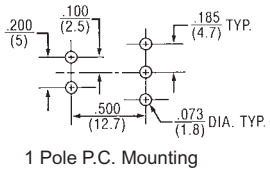
RIGHT ANGLE P.C. MOUNT SWITCHES

PS 9







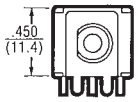


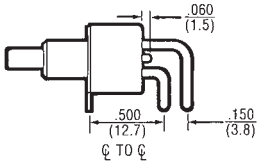
1 Pole P.C. Mounting

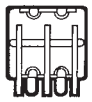
ONE POLE

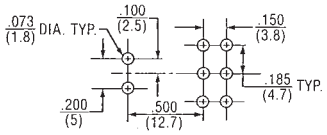
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.

PS 9







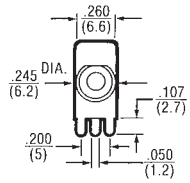


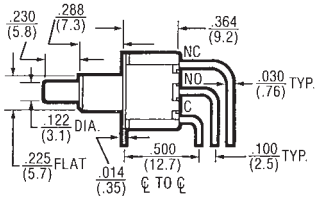
2 Pole P.C. Mounting

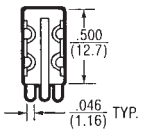
TWO POLE

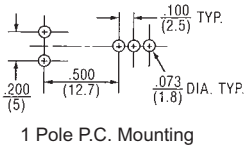
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.

PS 10







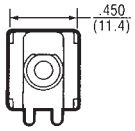


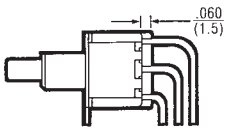
1 Pole P.C. Mounting

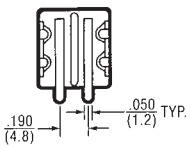
ONE POLE

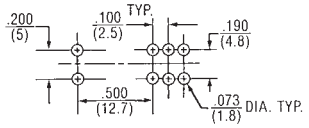
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.

PS 10







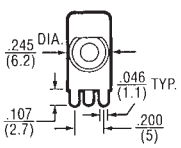


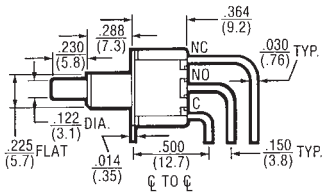
2 Pole P.C. Mounting

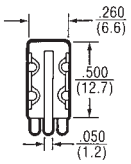
TWO POLE

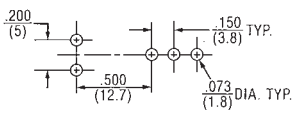
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.

PS 11







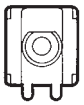


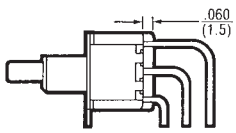
1 Pole P.C. Mounting

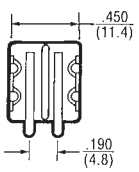
ONE POLE

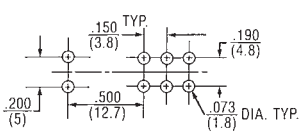
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.

PS 11









2 Pole P.C. Mounting

TWO POLE

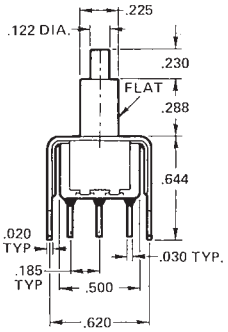
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS.

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

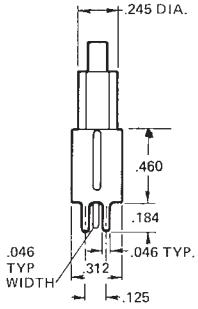
PS SERIES — 5 AMP. (S.P.) 1 AMP. (D.P.) 0.4 VA

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

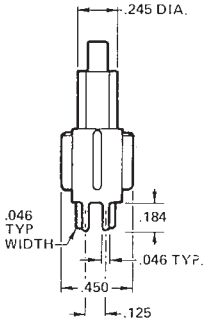
PS7 (LONG BUSHING)



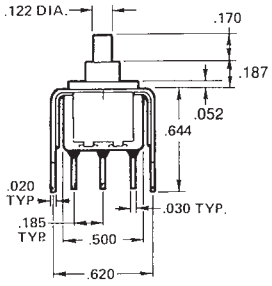
SP



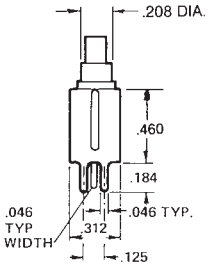
DP



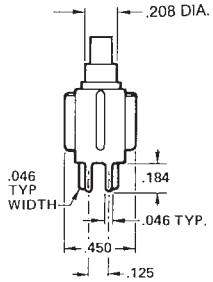
PS8 (SHORT BUSHING)



SP



DP



Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	7 - PC Mounted 8 - PC Mounted	1 - One ❶ 2 - Two ❶	0 - No Cap 1 - .200 Dia. 2 - .375 Dia. 3 - .450 Sq. 4 - .310 Dia.	0 - No Cap 1 - Black 2 - White	B - Gold/Nickel/Brass ❷ G - Gold/Nickel/Silver ❶❷ Q - Coin Silver ❶

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

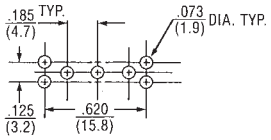
ORDERING EXAMPLES:

PS7-100G = (PC mounted 5 amp.) — One-pole — No Cap — No Color — Gold/Nickel/Silver Contacts

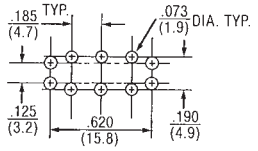
P S 7 - 1 0 0 G

PS8-221B = (PC mounted 0.4 VA) — Two-pole — .375 Dia. — Black Cap — Gold/Nickel/Brass Contacts

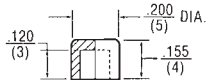
P S 8 - 2 2 1 B

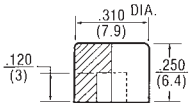


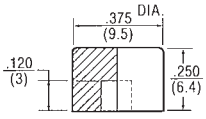
1 Pole P.C. Mounting

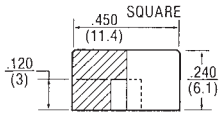


2 Pole P.C. Mounting









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

Printed Circuit Terminal

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 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

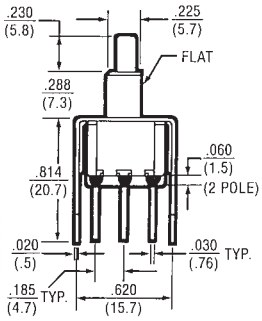
Case — Diallyl Phthalate.
Bushing — Brass, nickel plated.
Housing — Stainless steel.
Plunger — Thermoplastic.
Common Contact — Refer to contact material table above.
Center & End Contact — Refer to contact material table above.

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

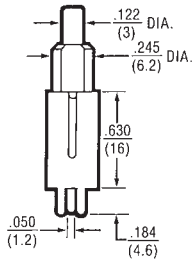
PS SERIES | 5 AMP. (S.P.) 1 AMP (D.P.) 0.4 VA

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

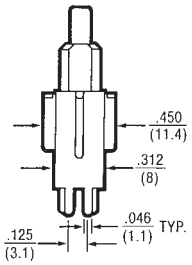
PS71 (LONG BUSHING)



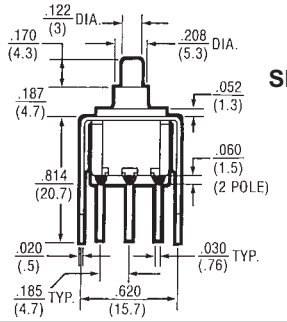
SP



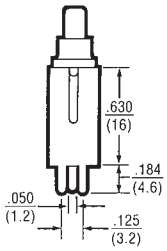
DP



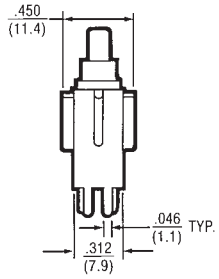
PS81 (SHORT BUSHING)



SP



DP



Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	71 - PC Mounted 81 - PC Mounted	1 - One ❶ 2 - Two ❶	0 - No Cap 1 - .200 Dia. 2 - .375 Dia. 3 - .450 Sq. 4 - .310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass ❷ G - Gold/Nickel/Silver ❶❷ Q - Coin Silver ❶

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

ORDERING EXAMPLES:

PS71-100B= (PC mounted 0.4 VA) | One-pole | No Cap | No Color | Gold/Nickel/Brass Contacts

P S 71 - 1 0 0 B

PS81-221Q= (PC mounted 1 amp.) | Two-pole | .375 Dia. | Black Cap | Coin Silver Contacts

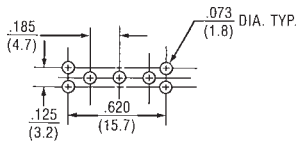
P S 81 - 2 2 1 Q

SPECIFICATIONS

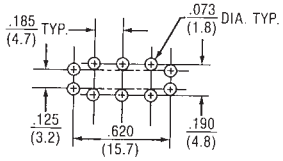
Contact Rating – Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.
Letter codes B and G – (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 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

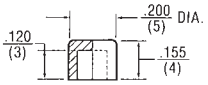
Case — Diallyl Phthalate.
Bushing — Brass, nickel plated.
Housing — Stainless steel.
Plunger — Thermoplastic.
Common Contact — Refer to contact material table above.
Center & End Contact — Refer to contact material table above.

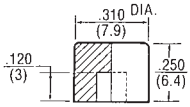


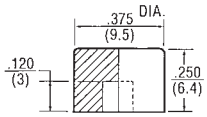
1 Pole P.C. Mounting

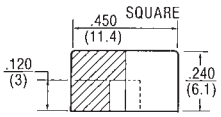


2 Pole P.C. Mounting









Description	P/N	Color
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

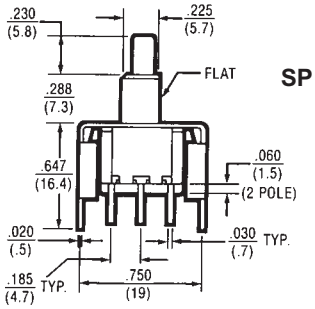
Printed Circuit Terminal

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

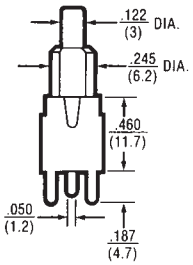
PS SERIES — 5 AMP. (S.P.) 1 AMP. (D.P.) 0.4 VA

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

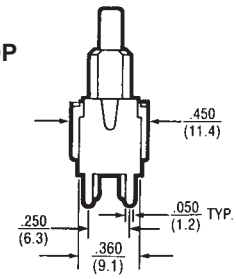
PS72 (LONG BUSHING)



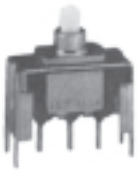
SP

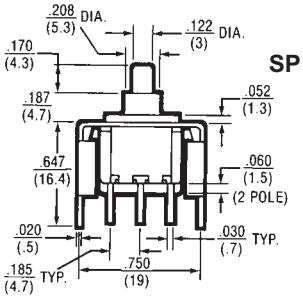


DP

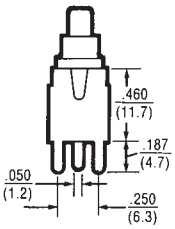


PS82 (SHORT BUSHING)

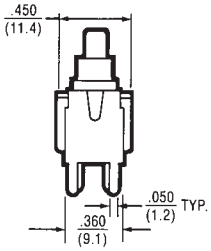




SP



DP



Basic P/N	Terminal Type	Poles	Cap Size	Cap Color	Contact Material-Type
PS	72 - PC Mounted 82 - PC Mounted	1 - One ❶ 2 - Two ❶	0 - No Cap 1 - .200 Dia. 2 - .375 Dia. 3 - .450 Sq. 4 - .310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass ❷ G - Gold/Nickel/Silver ❶❷ Q - Coin Silver ❶

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

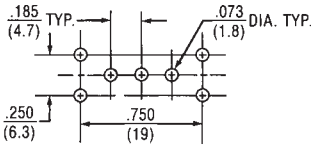
ORDERING EXAMPLES:

PS72-100Q= (PC mounted 5 amp.) One-pole No Cap No Color Coin Silver Contacts

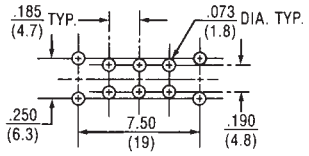
P S 72 - 1 0 0 Q

PS82-221B= (PC mounted 0.4 VA) Two-pole .375 Dia. Black Cap Gold/Nickel/ Brass Contacts

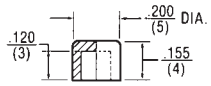
P S 82 - 2 2 1 B

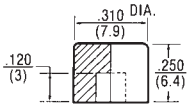


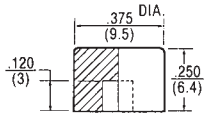
1 Pole P.C. Mounting

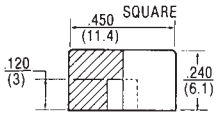


2 Pole P.C. Mounting









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

Printed Circuit Terminal

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 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

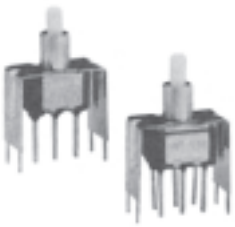
Case — Diallyl Phthalate.
Bushing — Brass, nickel plated.
Housing — Stainless steel.
Plunger — Thermoplastic.
Common Contact — Refer to contact material table above.
Center & End Contact — Refer to contact material table above.

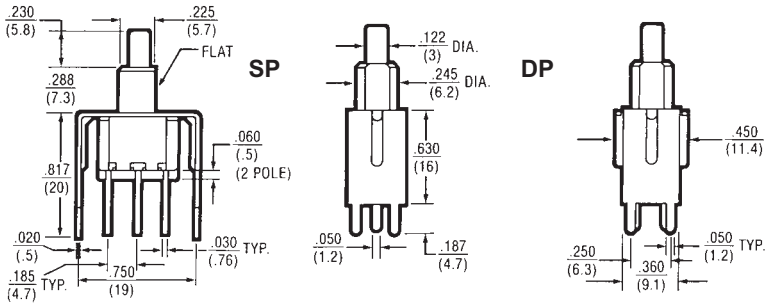
Sensitive Snap-Action Pushbutton Switches — P.C. Terminals (Momentary Action)

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

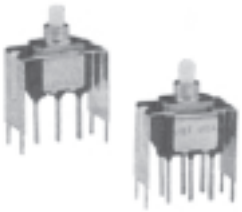
VERTICAL P.C. MOUNT (.630 x .750 BRACKET)

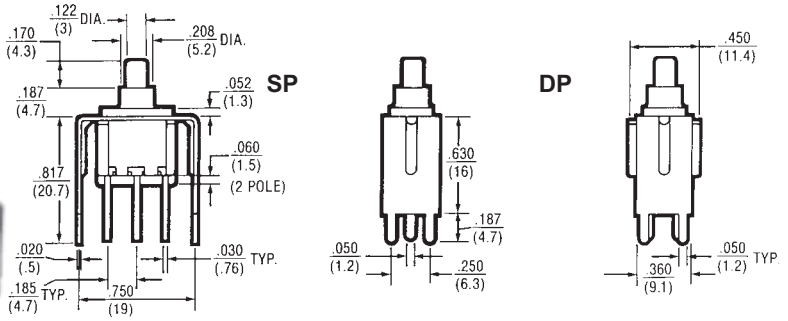
PS73 (LONG BUSHING)





PS83 (SHORT BUSHING)





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 1 - .200 Dia. 2 - .375 Dia. 3 - .450 Sq. 4 - .310 Dia.	0 - No Cap 1 - Black 2 - White 3 - Red	B - Gold/Nickel/Brass ❷ G - Gold/Nickel/Silver ❶❷ Q - Coin Silver ❷

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

ORDERING EXAMPLES:

PS73-100G= (PC mounted 5 amp.) One-pole No Cap No Color Gold/Nickel/Silver Contacts

P S 73 - 1 0 0 G

PS83-221B= (PC mounted 0.4 VA) Two-pole .375 Dia. Black Cap Gold/Nickel/Brass Contacts

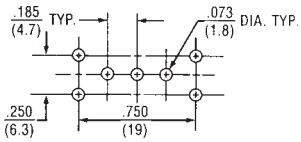
P S 83 - 2 2 1 B

SPECIFICATIONS

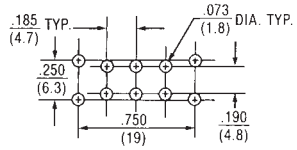
Contact Rating – Letter codes G and Q (1 Pole) 5 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 5 amp resistive @ 28 VDC. (2 pole) 1 amp resistive @ 125 VAC (U.L. recognized, CSA certified) or 1 amp resistive @ 28 VDC.
Letter codes B and G – (1 and 2 Poles) 0.4 Volt-amps (VA) maximum @ 28 V 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

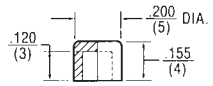
Case — Diallyl Phthalate.
Bushing — Brass, nickel plated.
Housing — Stainless steel.
Plunger — Thermoplastic.
Common Contact — Refer to contact material table above.
Center & End Contact — Refer to contact material table above.

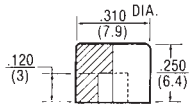


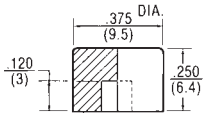
1 Pole P.C. Mounting

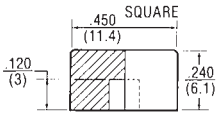


2 Pole P.C. Mounting









Description	P/N	Color
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

Printed Circuit Terminal

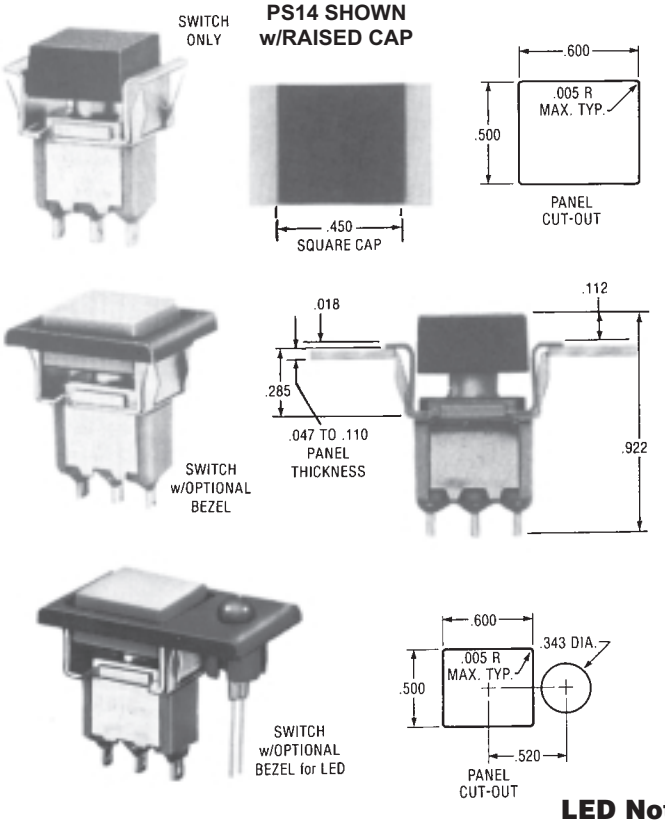
EPOXY SEAL STD. FOR THIS SERIES

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

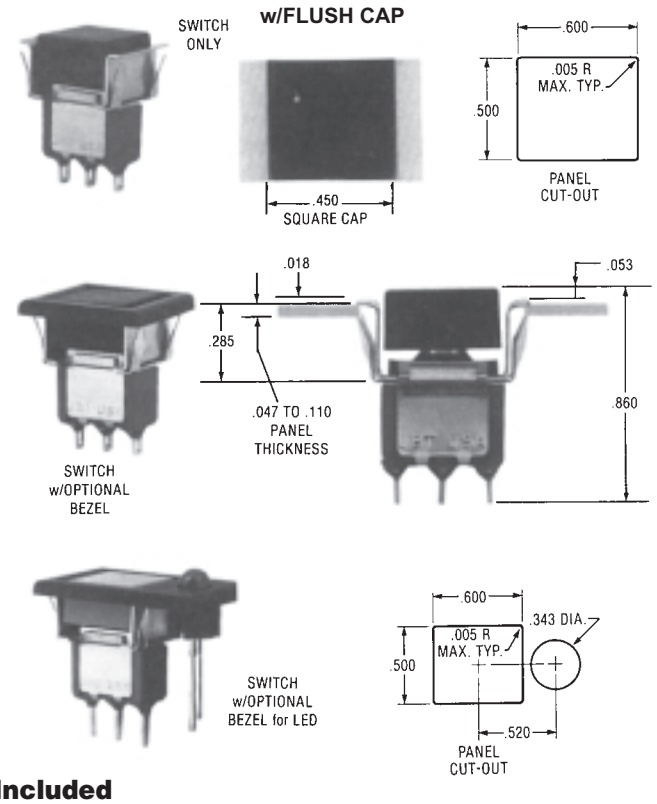
PS SERIES — 5 AMP. (S.P.) 1 AMP (D.P.) 0.4 VA

SNAP-IN MOUNT

PS14 SHOWN w/RAISED CAP



PS15 SHOWN w/FLUSH CAP



LED Not Included

Basic P/N	Cap Configuration Terminal-Rating	Poles	Cap Size	Cap Color	Optional Features: Bezel Color & Type	Optional Features: Contact Material-Type
PS	14 - Raised Cap Solder Lug 15 - Flush Cap ❸ Solder Lug 16 - Raised Cap PC Terminals 17 - Flush Cap ❸ PC Terminals	1 - One ❶ 2 - Two ❶	0 - No Cap 1 - .450 Sq.	0 - No Cap 1 - White 2 - Black 3 - Red	1 - White 2 - Black 3 - Red 4 - Black or LED	B - Gold/Nickel/Brass ❷ G - Gold/Nickel/Silver ❶❷ Q - Coin Silver ❶

❶ Single pole circuit rated 5 amps, double pole circuit rated 1 amp. ❷ Ratings are 0.4 VA — 28 BAC or DC. ❸ Flush cap is flush to bezel, not to mounting bracket.

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

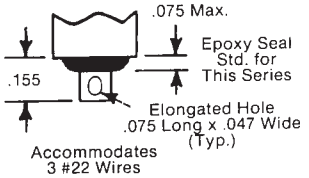
SPECIFICATIONS

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 Volt-amps (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.

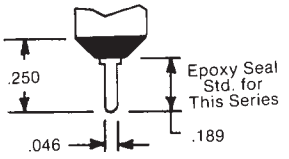
MATERIALS

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.

Solder Lug Terminal

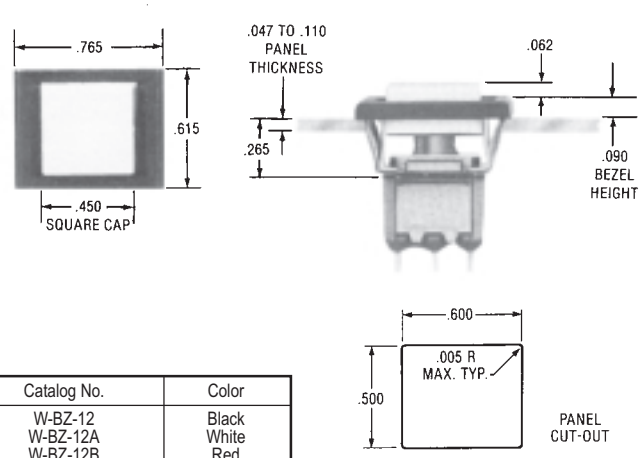


PC Terminal



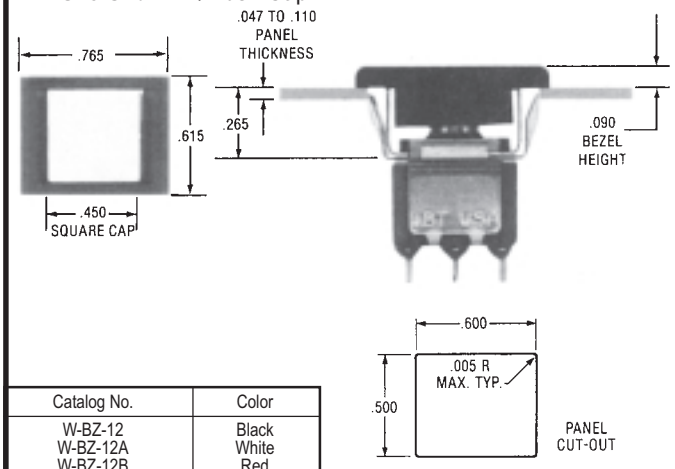
APPROXIMATE DIMENSIONS (For Optional Bezel Types Shown on Page 12)

OPTIONAL BEZEL TYPE
1, 2, 3 (SEE TABLE)
PS14 Shown w/Raised Cap



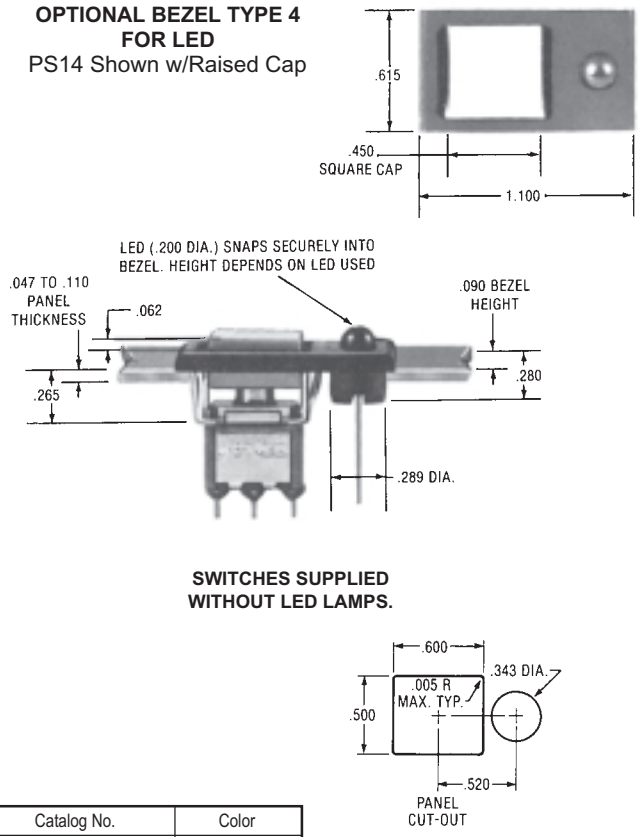
Catalog No.	Color
W-BZ-12 W-BZ-12A W-BZ-12B	Black White Red

OPTIONAL BEZEL TYPE
1, 2, 3 (SEE TABLE)
PS15 Shown w/Flush Cap



Catalog No.	Color
W-BZ-12 W-BZ-12A W-BZ-12B	Black White Red

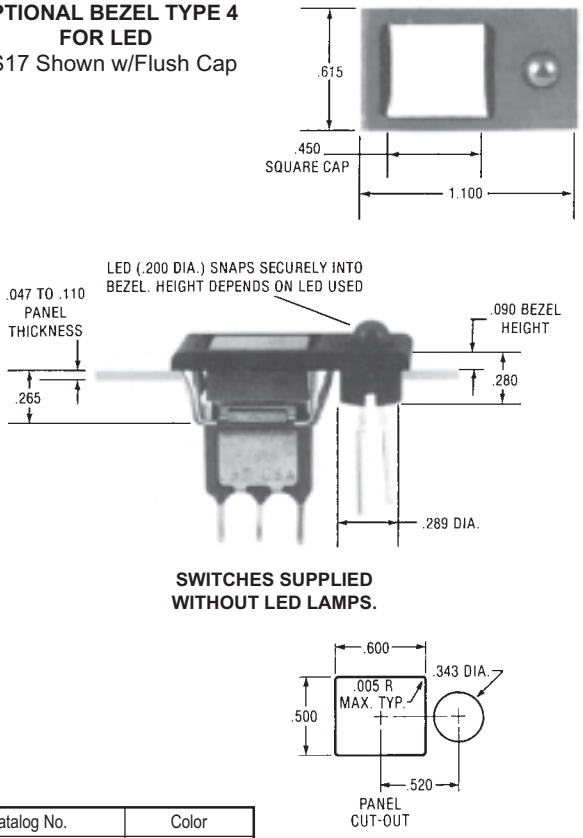
OPTIONAL BEZEL TYPE 4
FOR LED
PS14 Shown w/Raised Cap



SWITCHES SUPPLIED
WITHOUT LED LAMPS.

Catalog No.	Color
W-BZ-15	Black

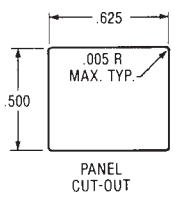
OPTIONAL BEZEL TYPE 4
FOR LED
PS17 Shown w/Flush Cap



SWITCHES SUPPLIED
WITHOUT LED LAMPS.

Catalog No.	Color
W-BZ-15	Black

OPTIONAL MOUNTING CLIP (For Use With PS14 Thru PS17 Series Only)



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

Standard Ordering Table – Pushbutton Switches – Panelmount Maintained and Momentary Action (SPDT)

HOW TO ORDER YOUR DESIGN (**Bold** Face Type indicates items normally in Distributor Stock)

Following the table from left to right, the designer is able to specify the options wanted. The options are described and illustrated on pages 15-16.

To determine a part number select the options desired and fill in the boxes in the selection guides illustrated below.

Pushbutton Switch Selection Guide

Pushbutton Switch Series + Circuit + Cap Size + Cap Color + Terminal Type + Contact Material + Other

Base P/N	Circuit	Cap Size	Suffix Numbers & Letters — Add to Base Catalog Number			
			Cap Color	Terminal Options ❷	Contact Material-Type	Other Options
PB	**-123** — ON-NONE-ON Push to make contact and Push again to reverse action	**0** — No Cap	**0** — No Cap	**Z** — Solder Lugs **C** — Printed Circuit **Z3** — Quick Connect **W** — .750" Wirewrap **W1** — .964" Wirewrap **W3** — .425" Wirewrap **W4** — 1.0625" Wirewrap **A** — Right Angle P.C. **AV** — Vertical P.C. .100 Spacing **AV2** — Vertical P.C. .150 Spacing	**B** — Gold/Nickel/ Brass ❶ **G** — Gold/Nickel/ Silver **Q** — Coin Silver **K** — ❸ **L** — ❸ **M** — ❸	Epoxy Sealed Terminals ❷
PBS Plunger Seal	**-126** — ON-NONE-ON* Normally Open or Normally Closed. (For NC circuit use Terminal 2 & 1, for NO. 2 & 3, for NC and NO. 1, 2 & 3)	**1** — .200 Dia.	**1** — Black			
PBW Plunger & Panel Seal		**2** — .310 Dia.	**2** — White			
		3 — 375 Dia.	**3** — Red			

*Momentary Contact

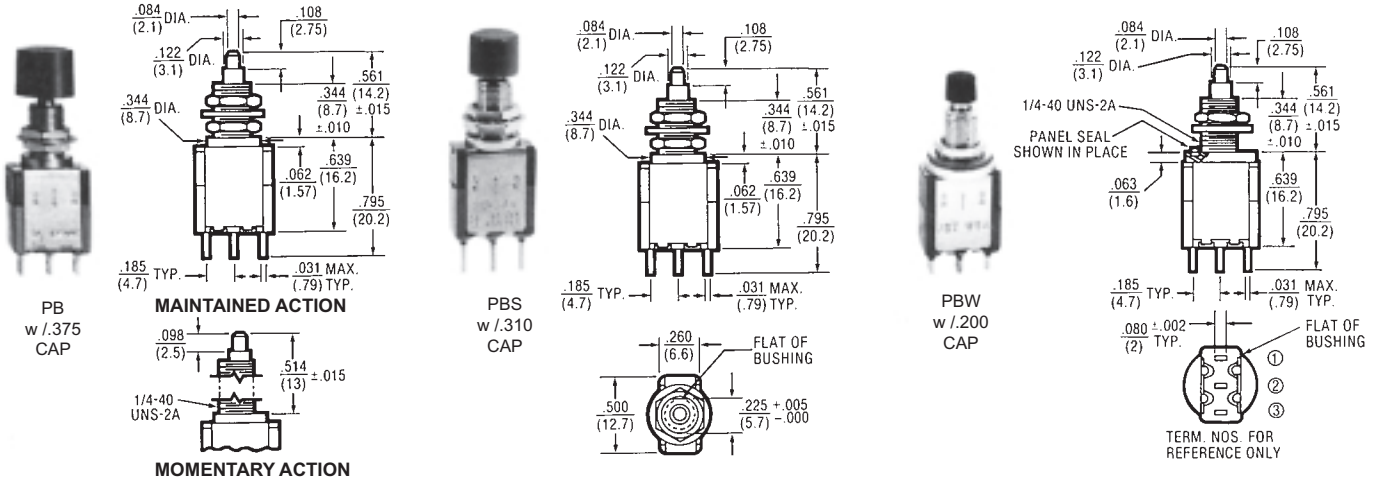
❶ Ratings are 0.4 VA-28 VAC or DC.
❷ Epoxy seal standard on all terminal options.
❸ Same as B, G and Q respectively except terminals brass with tin nickel alloy over nickel plate. Consult factory for availability

EXAMPLES:

PB-12331ZQ = Maintained (Push-Push) circuit, .375" Black Cap, Solder Lug Terminals, Silver Contacts, 6 Amp Rating and Epoxy Sealed Terminals

PBW-12613CB = Plunger & Panel Seal, Momentary circuit, .200" Red Cap epoxy sealed Printed Circuit Terminals and 50 Millionths Gold over Brass contacts.

APPROXIMATE DIMENSIONS



SPECIFICATIONS

Contact Rating – Letter codes G and Q – 6 amp at 125 VAC, 3 amp at 250 VAC (U.L. recognized, CSA certified) or 6 amp at 28 VDC resistive. Letter codes B and G – 0.5. volt-amp (VA) maximum @ 28 V maximum (AC or DC).

Life Under Load (Resistive)
Alternate Action Suffix – 123; 100,000 make-and break cycles
Momentary Action Suffix – 126; 60,000 make-and-break cycles

Initial Contact Resistance – 10 milliohms max. 3 VDC, 100 ma for both silver and gold plated contacts.

Insulation Resistance – 1,000 MBG.

Dielectric Strength – 1,000 volts rms at sea level.

Bushing Strength – 12 pound-inches without physical damage to switch.

	-126	-123
Operating Force	1.5 lb.	1.75 lb.
Pretravel	.043 Max.	.106 Max.
Overtravel	.009 Min.	.008 Min.

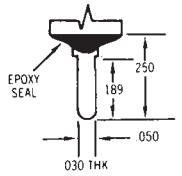
MATERIALS

Base (body) — Diallyl Phthalate.
Bushing — Brass, nickel plated.
Clamp (frame) — Stainless steel.
Switching Contacts and Rockers
Letter Code B — gold/nickel/brass
Letter Code G — gold/nickel/silver
Letter Code Q — Coin silver
Center Terminal
Letter Codes B, G — Gold flash/nickel/brass
Letter Code Q — Silver plated brass.
Hardware
PB and PBS Series
(2) W-NU-11 hex nuts
(1) W-WA-16 internal tooth lockwasher
PBW Series
(1) W-NU-11 hex nut
(1) W-WA-16 internal tooth lockwasher
(1) W-WA-44 neoprene panel seal

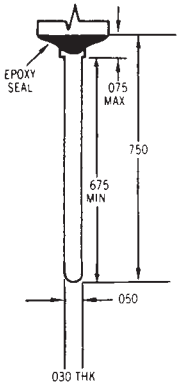
Pushbutton Switches — Panelmount Maintained and Momentary Action (SPDT)

Termination Options

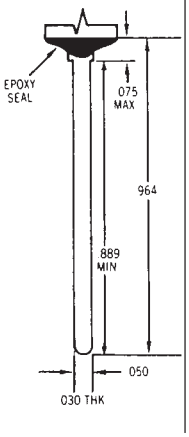
C Printed Circuit



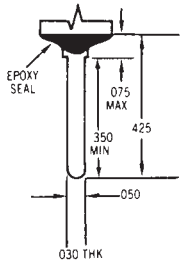
W Wire-Wrap



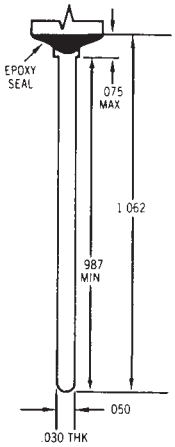
W1 Wire-Wrap



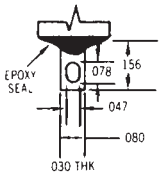
W3 Wire-Wrap



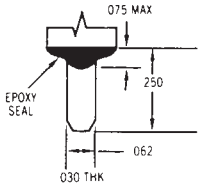
W4 Wire-Wrap



Z Standard



Z3 Quick Connect



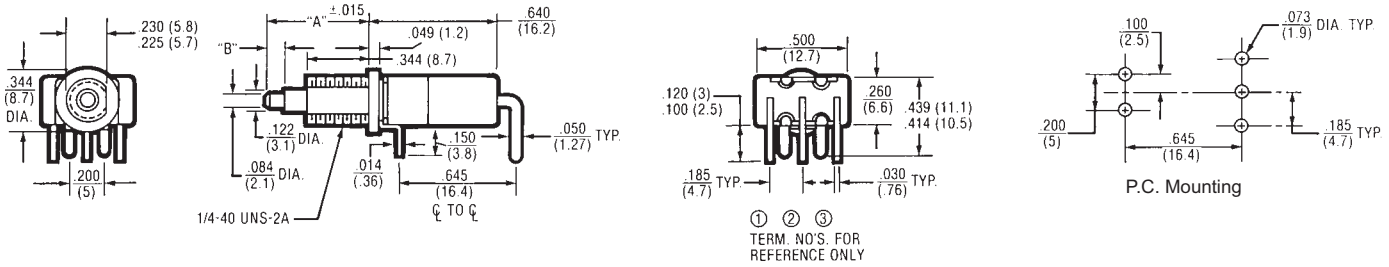
Mating Receptacle from AMP SPECIAL IND., P.O. Box 984, Paoli, Pa. 19301 Amp P/N single piece 61454 series, strip from 60900

NOTE: Wire-Wrap is a registered trademark of the Gardner-Denver Company.

APPROXIMATE DIMENSIONS

PB, PBS, PBW SWITCHES w/"A" TYPE RIGHT ANGLE P.C. TERMINALS

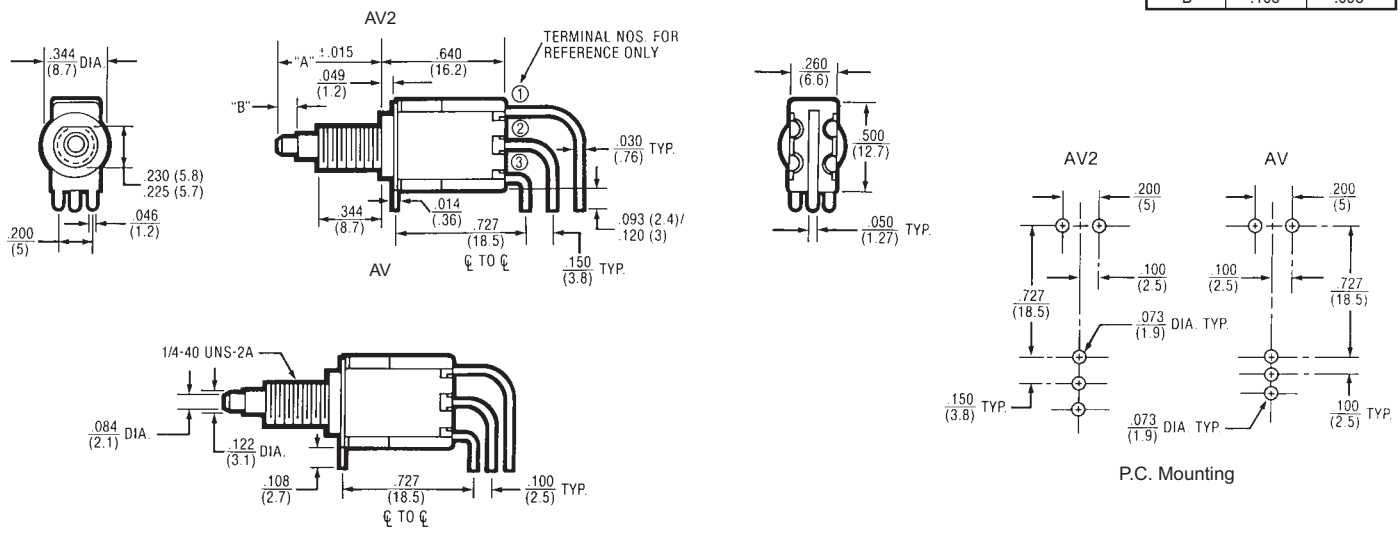
DIM.	PB-123	PB-126
"A"	.561	.514
"B"	.108	.098



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

PB, PBS, PBW SWITCHES w/ "AV" (.100" TERMINAL SPACING) OR "AV2" (.150" TERMINAL SPACING) TYPE VERTICAL P.C. TERMINALS

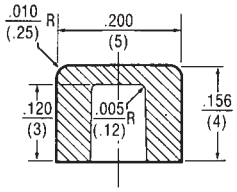
DIM.	PB-123	PB-126
"A"	.561	.514
"B"	.108	.098



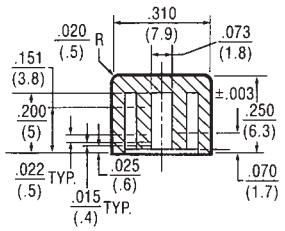
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS

Pushbutton Switches — Panelmount Maintained and Momentary Action (SPDT)

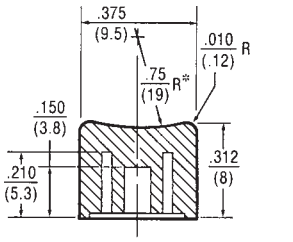
PUSHBUTTON CAP STYLES FOR PB SERIES SWITCHES ON PAGE 14



PART NUMBER	COLOR
W-KN-12	BLACK
W-KN-12A	WHITE
W-KN-12B	RED
W-KN-12C	GREEN ❶
W-KN-12D	BLUE
W-KN-12E	DK. GRAY
W-KN-12F	YELLOW
W-KN-12G	LT. GRAY



PART NUMBER	COLOR
W-KN-31	BLACK
W-KN-31A	WHITE
W-KN-31B	RED
W-KN-31C	GREEN ❶
W-KN-31D	BLUE
W-KN-31E	DK. GRAY
W-KN-31F	YELLOW
W-KN-31G	LT. GRAY



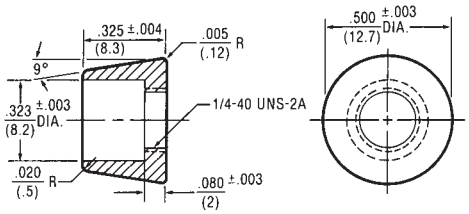
PART NUMBER	COLOR
W-KN-14	BLACK
W-KN-14A	WHITE
W-KN-14B	RED
W-KN-14C	GREEN ❶
W-KN-14D	BLUE
W-KN-14E	DK. GRAY
W-KN-14F	YELLOW
W-KN-14G	LT. GRAY

❶ Black, white, red are standard. Contact Electroswitch for availability on other colors shown.

DECORATIVE FACENUTS FOR PB SERIES AND PS SERIES

PART NUMBER W-NU-29A
(For .310 Dia. Caps)

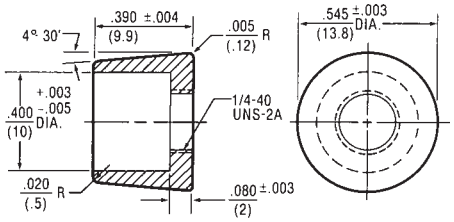
Part No. W-NU-29A
Assembled to PB
Series Switch.



Finish: Bright chrome plate over brass

PART NUMBER W-NU-30A
(For .375 Dia. Caps)

Part No. W-NU-30A
Assembled to PS
Series Switch.
(See page 4)



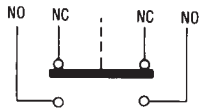
Finish: Bright chrome plate over brass

Sub Miniature Pushbutton Switches for Printed Circuit Boards — Wave Solderable
Series B8000 PCB Pushbutton Switches

SPECIFICATIONS

- Mechanical life — 500,000 operations minimum
- Contact resistance — 25 milliohms maximum
- Dielectric strength — 1000 VAC rms
- Ambient temperature range — -20°C to +70°C
- Weight — 0.06 ounces (1.7 grams)
- Electrical life — 100,000 operations minimum.

Schematic — Pushbutton PCB Switches



SELECTION TABLES (**Bold** Face Type indicates items normally in Distributor Stock)

Note: Optional Snap-On button must be ordered separately

B8500/B8600

Poles & Throw	Operation	Catalog No. By Terminal Type		
		Right Angle P.C. Mount		P.C. Stand Up Mount
		.220" (5.6 mm)	.160" (4.1 mm)	.120" (3.1 mm)
2 Circ.	Momentary or Latch Down ❶	B8103		
	Momentary or Latch Down ❶ Momentary		B8500 B8600	

❶ For Latch-Down, depress plunger and rotate 30° clockwise.

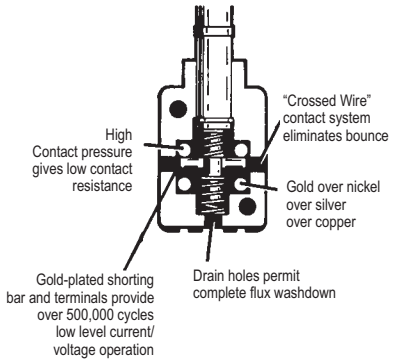
OPTIONAL BUTTON CAPS

Button Cap Color	Catalog Number
Black	P281B
Red	P281R

CURRENT RATINGS

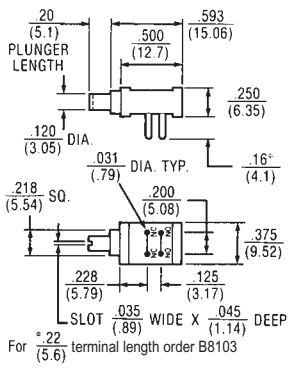
Nominal Rating, Amperes			
6 VDC	12 VDC	28 VDC	125 VDC
1	1	0.5	0.5

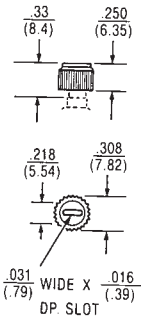
NOTE: For special .5 VA max. rating @ 28 VAC or DC contact Electroswitch.



APPROXIMATE DIMENSIONS

B8103, B8500 and B8600 Series





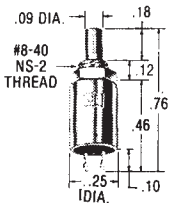
TYPE P281 SNAP-ON BUTTON (Optional)

Ultra-Miniature Pushbutton Switches AC and DC — Round Base

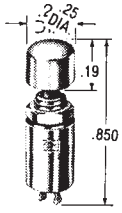
SPECIFICATIONS

- Resistive rating — .75 amperes resistive at 125 VAC normally open; .50 amperes resistive at 125 VAC normally closed; also rated 1.0 ampere normally open for 15,000 operations and .75 amperes normally closed for 10,000 operations. For 28 VDC rating 1.5 amperes normally open for 10,000 operations and 1.0 ampere normally closed for 10,000 operations. Dry circuit rated 10 milliamperes at 30 mVDC.
- Pretravel — .015 minimum/.050 maximum
- Overtravel — .030 minimum
- Operating force — 8 oz. maximum
- Electrical life — 50,000 operations minimum
- Mechanical life — 50,000 operations minimum
- Materials — contacts and terminals are gold plated copper
- Mounting hardware — One #8-40 nut supplied unassembled

APPROXIMATE DIMENSIONS



ACTUAL SIZE



OPTIONAL BUTTON CAP MUST BE ORDERED SEPARATELY

SELECTION TABLE

Circuit	Plunger Color	Catalog Number
N.O.	Red	SA1RV20
N.O.	Black	SA1BV20
N.O.	Black	SA1BW20
N.O.	Red	SA1RW20

OPTIONAL BUTTON CAPS

Button Cap Color	Catalog Number	Description
Red	SW53AA1	.250" Slip on cap for SA1 series
Black	SW53AA2	.250" Slip on cap for SA1 series

CAUTION — MANUAL SWITCHES ARE AFFECTED BY HEAT, CLEANING SOLVENTS AND FLUX. EXTREME CARE SHOULD BE EXERCISED DURING HAND SOLDERING AND WAVE SOLDERING TO PREVENT SWITCH CONTAMINATION.

Keylite* Pushbutton Switches — Illuminated or Non-Illuminated

STANDARD TYPES

SLOPE KEYS — NARROW

SLOPE KEYS — WIDE

STEP KEYS — NARROW

STEP KEYS — WIDE

HALF KEYS — NARROW
(12 mm)

WINDOW KEYS — WIDE
(17 mm) Replaceable Legends

COLORED INSERTS

* Trademark of LUCAS N.S.F. Limited

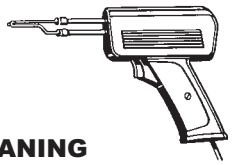
SPECIFICATIONS

Ratings — Switch — 10mA at 24 VDC.
Mechanical Life and Electric Life — 5 million operations momentary, 10,000 maintained
Initial Contact Resistance — 50 milliohms max.
Insulation Resistance — 10^9 Ohms minimum
Contact Bounce — 2.0 ms maximum
Operating Force — 150 grams approx.
Total Key Travel — .098 (2.5 mm)
Pre-Travel — .039 (1 mm)
Ambient Temperature — -25°C to +85°C
(-13°F to +185°F)
Mounted Method — Direct soldering onto standard Matrix printed circuit board.
Interchangeable Keys — Large variety of colors

MATERIALS

Housing — Polycarbonate
Key Cap — ABS
Switching Contacts — Gold plate over silver plated brass.

CAUTION AND RECOMMENDATIONS FOR SOLDERING AND CLEANING



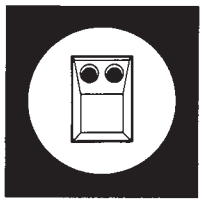
Contamination of the contacts of miniature switches is the most common cause of problems in low energy circuits. This is due to the inability of current to flow through the increased resistance of the switch contacts due to the contamination. As most contamination occurs during the installation and cleaning of the switch, proper care when installing the switch can reduce problems in this area. The following procedures should be followed to reduce the possibility of switch contact contamination.

Hand Solder

1. Use rosin core solder .030" — .040" diameter.
2. A small soldering iron in the 30 to 40 watt range should be used.
3. The solder joint should not be overheated.
4. Do not position switch with terminations straight up.
5. No clean up should be necessary. However, if used, do not allow solvents to enter non-sealed areas of switch.

Wave solder — Miniature Switches

Do not immerse or spray with solvents to remove flux except for switches designed for this type of cleaning.
The use of wave solder oil is not advised.



Clean Lines
Positive Tactile
Action, Bright
LED Indicators

Keys Are Detachable
and Interchangeable
with Improved
Push-On Design

Stand-Off Lugs
Minimize
Solder-Creepage

Half Key Feature

RECOMMENDED KEY REMOVAL METHOD
1. Operate switch. 2. Insert small screwdriver into resulting gap at 'A'. 3. Gently twist.
NOTE: When removing keys from within a matrix e.g. No. 3 above, first remove Nos. 9 and 6 by the above method then remove No. 3.

LED SPECIFICATIONS			
Color	Red	Green	Yellow
Maximum ratings			
Forward current	30mA	30mA	30mA
Forward voltage	3.0 @ 10mA	3.0 @ 20mA	3.0 @ 10mA
Intensity (typical)	2.0 mcd @ 10mA	1.5 mcd @ 20mA	2.0 mcd @ 10mA

Keylite* Pushbutton Switches — Illuminated or Non-Illuminated

KEYLITE ORDERING GUIDE — For assembled switches

Poles and Throw	Contact Operation	Base Catalog Number	Suffix Numbers — Add to Base Catalog Number							
			LED Colors and Quantity		Operator Key Style and Number or LED's			Operator Key Color		Other Features	
			Description	Suffix Number	Style	Number of LED Holes	Suffix Number	Color	Suffix Number	Feature	Suffix Number or Letter
1PDT	Momentary	SB6SDV	One Red, Narrow Spacing ❶	14	Slope, Narrow	None	1A			Colored Inserts	
			One Red, Wide Spacing ❷	15	Slope, Wide	None	2A			Applicable to Key Styles 2E, 4E & 6E Only	
					Slope Narrow	One	3A				
			One Green, Narrow Spacing ❶	24	Slope, Wide	One	4A	White	1	White	-1
			One Green, Wide Spacing ❷	25	Slope, Narrow	Two	5A	Red	2	Red	-2
					Slope, Wide	Two	6A	Green	3	Green	-3
			One Yellow, Narrow Spacing ❶	34	Step, Narrow	None	1D	Orange	4	Orange	-4
			One Yellow, Wide Spacing ❷	35	Step, Wide	None	2D	Gray	5	Gray	-5
					Step, Narrow	One	3D	Black	6	Black	-6
			Two Red ❸	44	Step, Wide	One	4D	Blue	7	Blue	-7
			Two Green ❸	54	Step, Narrow	Two	5D	Yellow	8	Yellow	-8
					Step, Wide	Two	6D			Static Shielding	S ❻
			No LED	64	Half, Narrow	None	1B			Sealant Tape	T ❻
			Two Yellow ❸	74	Half, Narrow	One	2B			Epoxy Sealed Terminals	E
					Half, Narrow	Two	3B				
			One Red, One Green ❸❹	84	Window, Wide	None	2C			Custom Stamping	❻
			One Red, One Yellow ❸❹	94	Window, Wide	One	4C				
					Window, Wide	Two	6C				
			One Green, One Yellow ❸❹	04	Colored, Wide Insert	None	2E				
					Colored, Wide Insert	One	4E				
					Colored, Wide Insert	Two	6E				
					Paddle Key	None	1F				
					Paddle Key	One	2F				
					Paddle Key	Two	3F				
					Illuminated paddle Key	No Light Bars	1G				
					Illuminated Paddle Key	One Light Bar	2G				
					Illuminated Paddle Key	Two Light Bars	3G				
					Slant Key	None	1H				

* Trademark of LUCAS N.S.F. Limited

FOOTNOTES

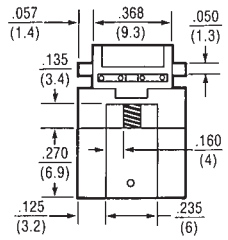
Mounting of LED's

❶ LED is mounted in center holes A(-) and B(+).
❷ LED is mounted in outer holes C(-) and D(+).
❸ LED's are mounted in holes C(+) and A(-).
holes B(-) and D(+).
❹ Colored LED's are mounted left to right.

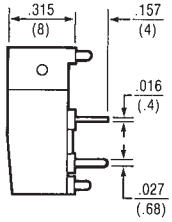
ORDERING EXAMPLES:

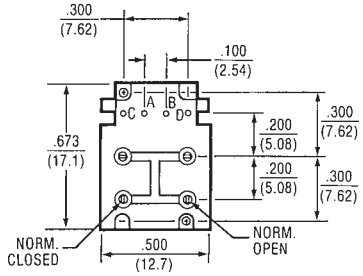
SB6SDV143A1 — Momentary switch, narrow spaced red LED, white narrow slope Key.

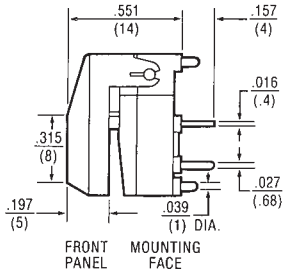
Keylite Switch Dimensions



Base Without Key

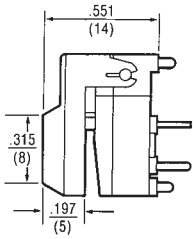




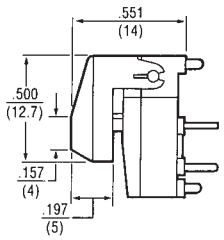


Slope Key Model

Base With Key



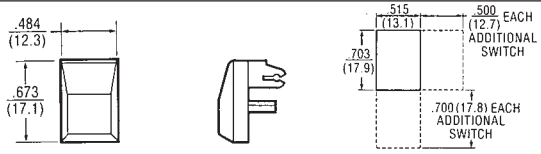
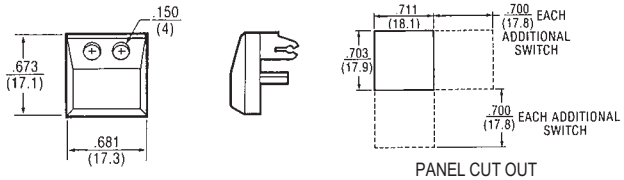
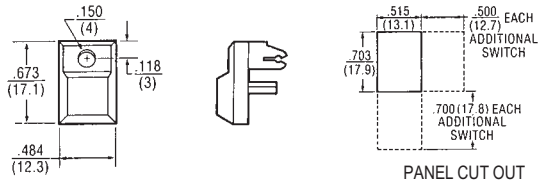
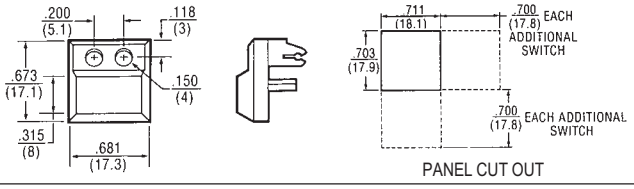
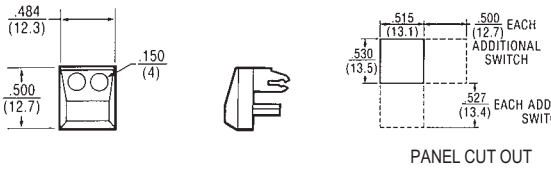
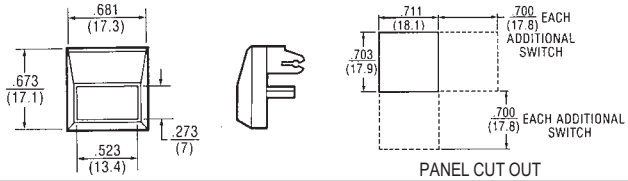
Step Key Model



Half Key Model

Keylite* Pushbutton Switches — Illuminated or Non-Illuminated

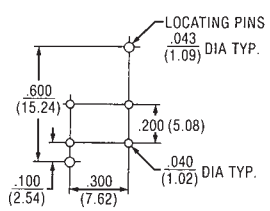
OPERATOR KEY SELECTION TABLE

Key Description	Key Dimensions	Momentary Action: Key Part Number	Momentary Action: Number of LED Holes	Key Color	Color Code
Narrow Slope Key		W-KN-21 W-KN-22 W-KN-23	None 1 2		
Wide Slope Key		W-KN-24 W-KN-25 W-KN-26	None 1 2	Black	No letter Suffix
Narrow Step Key		W-KN-40 W-KN-41 W-KN-42	None 1 2	White Red Green	A B C
Wide Step Key		W-KN-43 W-KN-44 W-KN-45	None 1 2	Blue Gray Yellow	D E F
Half Keys		W-KN-28 W-KN-29 W-KN-30	None 1 2	Orange	G
Window Keys		W-KN-37 W-KN-38 W-KN-39	None 1 2		
Colored Insert Keys					

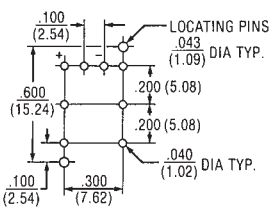
* Trademark of LUCAS N.S.F. Limited

Ordering Example: W-KN-21D is a blue narrow slope key w/no LED holes.
W-KN-45 is a black wide step key w/two LED holes.

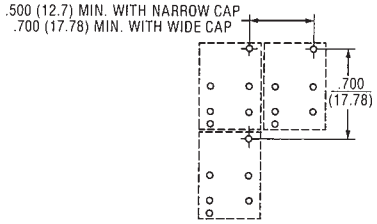
P.C. Mounting Dimensions



WITHOUT LED

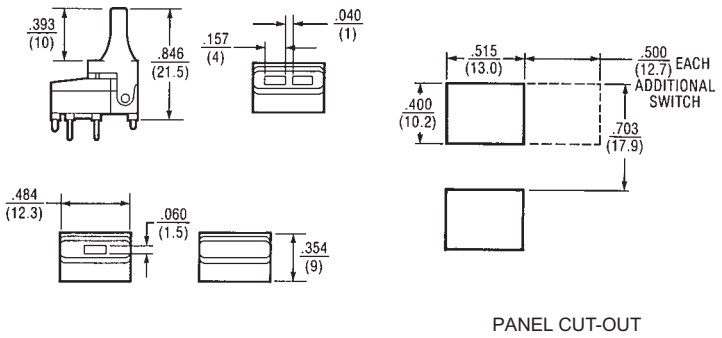
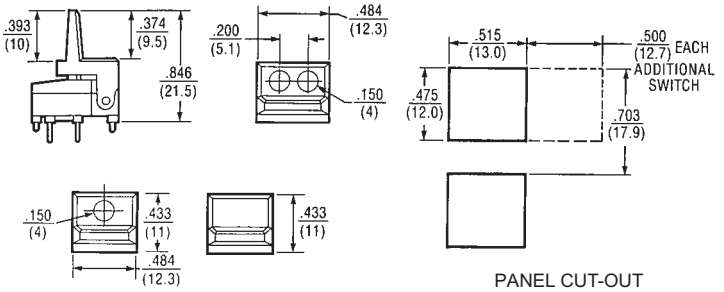
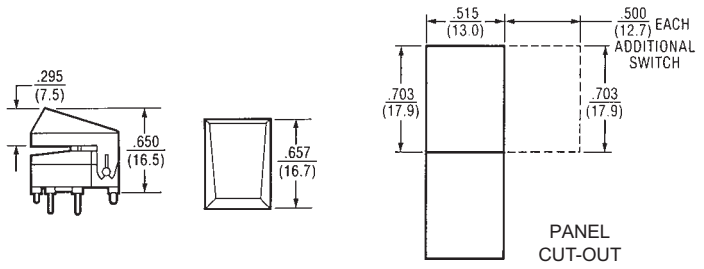


WITH 1 OR 2 LED's



MULTIPLE SWITCH SPACING

OPERATOR KEY SELECTION TABLE

Description	Key Dimensions	Key Part Number	Illuminated Features: Number of Light Bars	Key Color	Suffix Code
Illuminated Paddle Key (Narrow Only) • LED's are mounted under the paddle • Color of light bar determined by LED		W-KN-68	None	Black White Red Green Blue Gray Yellow Orange	No letter Suffix A B C D E F G
		W-KN-69	1		
		W-KN-70	2		
Paddle Keys (Narrow Only) • LED's are mounted outside the paddle		W-KN-71	Number of LED Holes		
			None		
		W-KN-72	1		
		W-KN-73	2		
Slant Key (Narrow Only) • No LED's		W-KN-74	None		

* Trademark of LUCAS N.S.F. Limited

Ordering Examples: W-KN-70E is a gray paddle key with 2 light bars.
W-KN-72D is a blue paddle key with 1 LED hole.
W-KN-74 is a black slant key.

ADDITIONAL KEYLITE OPTIONS

STATIC SHIELDING

- Static Shielding prevents static electricity from entering the circuit via the LED.
- Withstands up to 11,000 volts DC.
- Can be provided on any key style.

SEALANT TAPE

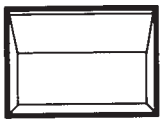
- Adhesive tape seals switches for wave soldering. Tape is discarded after wash. Key caps shipped unassembled.

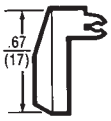
CUSTOM INK STAMPING

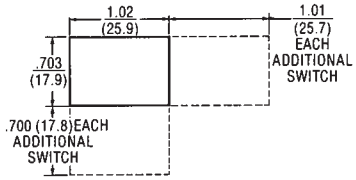
Available upon request.

Keylite* Pushbutton Switches — Illuminated or Non-Illuminated

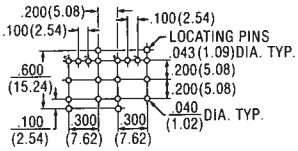
ADDITONAL KEYLITE OPTIONS — KEYBARS





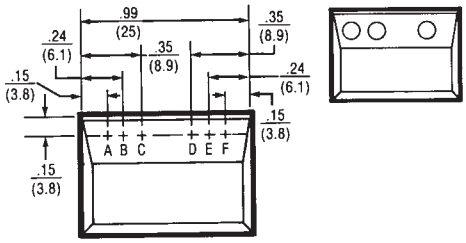


PANEL CUT-OUT



P.C. BOARD LAYOUT

DIMENSION: W/LED LOCATION HOLES



LED HOLE LOCATIONS
SEE NOTE 1.

NOTE:

1. Center LED holes (B, E) cannot be ordered with outer holes (A, C) or (D, F) respectively.
2. Accommodates 2 switches.
3. Standard LED hole is $\frac{.150}{(4)}$ diameter

.99" (25 mm) KEYBAR

ORDERING EXAMPLES

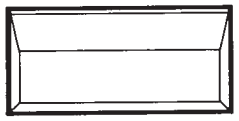
EXAMPLE:

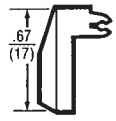
W-KN-49G-ACE, is the orange key with LED holes in positions A, C, and E. (Shown at left)

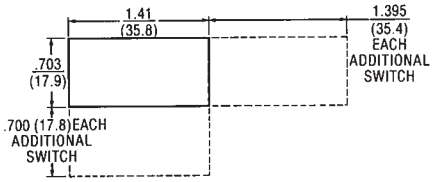
EXAMPLE:

W-KN-49, is the black key with no LED holes.

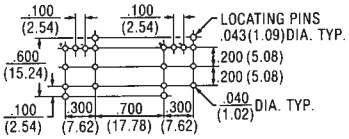
Part No.	Color
W-KN-49*	Black
W-KN-49A*	White
W-KN-49B*	Red
W-KN-49C*	Green
W-KN-49D*	Blue
W-KN-49E*	Gray
W-KN-49F*	Yellow
W-KN-49G*	Orange
W-KN-49H*	Brown
*For LED holes see note 1	



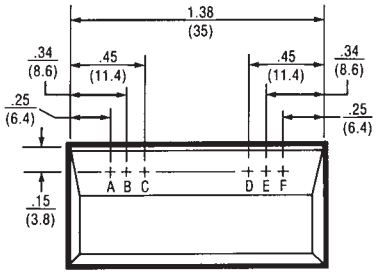




PANEL CUT-OUT



P.C. BOARD LAYOUT

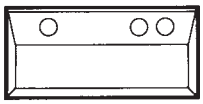


LED HOLE LOCATIONS
SEE NOTE 1.

NOTE:

1. Center LED holes (B, E) cannot be ordered with outer holes (A, C) or (D, F) respectively.
2. Accommodates 2 switches.
3. Standard LED hole is $\frac{.150}{(4)}$ diameter

1.38" (35 mm) KEYBAR



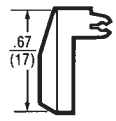
EXAMPLE:

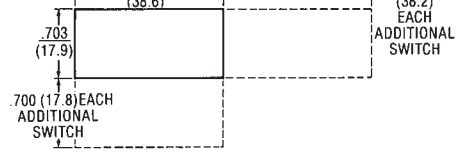
W-KN-50C-BDF, is the green key with LED holes in positions B, D, and F. (Shown above)

EXAMPLE:

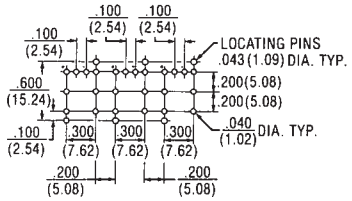
W-KN-50, is the black key with no LED holes.

Part No.	Color
W-KN-50*	Black
W-KN-50A*	White
W-KN-50B*	Red
W-KN-50C*	Green
W-KN-50D*	Blue
W-KN-50E*	Gray
W-KN-50F*	Yellow
W-KN-50G*	Orange
W-KN-50H*	Brown
*For LED holes see note 1	

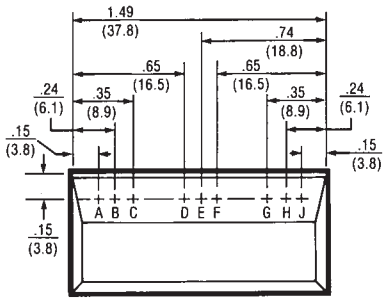




PANEL CUT-OUT



P.C. BOARD LAYOUT

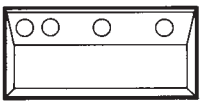


LED HOLE LOCATIONS
SEE NOTE 1.

NOTE:

1. Center LED holes (B, E, H) cannot be ordered with outer holes (A, C) or (D, F) or (G, J) respectively.
2. Accommodates 3 switches.
3. Standard LED hole is $\frac{.150}{(4)}$ diameter

1.49" (37.8 mm) KEYBAR



EXAMPLE:

W-KN-51B-ACEH, is the red key with LED holes in positions A, C, E, and H. (Shown above)

EXAMPLE:

W-KN-51, is the black key with no LED holes.

Part No.	Color
W-KN-51*	Black
W-KN-51A*	White
W-KN-51B*	Red
W-KN-51C*	Green
W-KN-51D*	Blue
W-KN-51E*	Gray
W-KN-51F*	Yellow
W-KN-51G*	Orange
W-KN-51H*	Brown
*For LED holes see note 1	

* Trademark of LUCAS N.S.F. Limited

Ordering Table — Standard Rocker & Paddle Switches

HOW TO ORDER YOUR DESIGN (**Bold** Face Type indicates items normally in Distributor Stock)

Following the table from left to right, the designer is able to specify the options wanted. The options are described and illustrated on pages 24-31. Refer to page 57 for mounting hardware.

To determine a part number select the options desired and fill in the boxes in the selection guides illustrated below.

Rocker Switch Selection Guide

Rocker Switch Series + Poles and Throw + Circuit + Actuator + Terminal Type + Contact Material + Actuator Color + Bezels + Other

Series	Poles and Throw		Circuits ⓫				Actuator Options		Terminal Options ⑥		Contact Material		Actuator Color		Bezels		Other Option
	No.	Code	Description			Code	Type	Code	Type	Code	Type	Code	Color	Code	Type	Code	Type
B	SPDT	1			POS. "C"		Rocker ⑦ (Screw Mount)	J1	Right Angle PC ⑩	A	gold/brass	B	Dark Gray ④	0	Bright Chrome ③	1M	Epoxy Sealed ⑥ Terminals
	DPDT	2	ON	OFF	ON	21	Paddle ⑦ (Screw Mount)	J2	Vertical PC .100 Spacing	AV1	gold/silver	G	White	1	Black ③	2M	
	3PDT	3	ON	NONE	ON	23	Rocker ⑦ (Screw Mount)	J3	Vertical PC .150 Spacing	AV2	coin silver	Q	Black	2	Satin Chrome ③	3M	
	4PDT	4	ON	NONE	ON*	26	Paddle ⑦ (Screw Mount)	J5			⑫	K	Red	3	White ②	1P	
			ON*	OFF	ON*	27	Snap-In Mount ⑦ Rocker With Bezel	J11	PC Terminals	C	⑫	L	Green ④	5	Black ②	2P	
			ON	OFF	ON*	31			PC & Support ①	V3	⑫	M	Blue ④	6	Red ②	3P	
			ON	ON	ON	32	Snap-In Mount ⑦ Paddle With Bezel	J21	PC & Support ①	V4			Light Gray ④	8	Black w/LED ②	4P	
			ON	ON	ON*	33	Large ⑦ Snap-In Mount Rocker With Bezel	J37	Vertical PC .150 Spacing	V5			Yellow ④	9	Green ②④	5P	
			NONE	ON	ON*	34 ⑤	Large ⑦ Snap-In Mount Paddle With Bezel	J47	PC & Support ①	V6			Brown ④	10	Blue ②④	6P	
			ON*	ON	ON*	35			PC & Support ①	V7					Light Gray ②④	8P	
			NONE	ON	ON	53 ⑤	Snap-In Rocker ①⑦	J50	.750 Wire Wrap	W					Yellow ②④	9P	
							Snap-In Rocker ①⑦	J53	.964 Wire Wrap	W1					Dark Gray ②④	0P	
							Snap-In Paddle ①⑦	J60	.425 Wire Wrap	W3							
							Snap-In Paddle ①⑦	J63	1.062 Wire Wrap	W4							
							Rocker Actuator ⑨	J71	Solder Lugs	Z							
							Paddle Actuator ⑨	J72									
							Rocker Actuator ⑨	J73	Quick Connect	Z3							
							Paddle Actuator ⑨	J75									
							Rocker Actuator ⑨	J76									
							Paddle Actuator ⑨	J77									

*Momentary Contact
❶ 1 and 2 pole only.
❷ For J50 and J60 only.
❸ For J11, J21, J37 and J47 only.
❹ Consult plant for availability.
❺ These circuits are **NOT** available with the following 3 and 4 pole options: A, AV1, AV2, V3, V4, V5, V6 and V7.
❻ Epoxy seal standard on all terminal options.
❼ Available with C, Z, Z3 or W-W4 terminations.
❽ Available with AV1, AV2, V3-V7 terminations.
❾ Available with A, AV1, AV2 or V3-V7 terminations.
❿ 1, 2 and 3 pole only.
⓫ See page 58 for construction detail, wiring and electrical diagrams.
⓬ Same as B, G and Q respectively except terminals brass with tin nickel alloy over nickel plate. Consult plant for availability.

EXAMPLES:

B121J71AQ2 = SPDT rocker switch with an ON-OFF-ON circuit, J71 style rocker (black), right angle P.C. terminals with coin silver contacts and epoxy sealed terminals.

B223J50ZQ22P = DPDT rocker switch with an ON-NONE-ON circuit, J50 style rocker (black), solder lug terminals with coin silver contacts, black snap in bezel and epoxy sealed terminals.

Standard Rocker & Paddle Switches — Specifications and Materials

SPECIFICATIONS

Contact Rating — Letter codes G and Q — 6 amp at 125 VAC, 3 amp @ 250 VAC, (U.L. recognized, CSA certified) or 6 amp at 28 VDC resistive.
Letter codes B and G — 0.5. volt-amp (VA) maximum @ 28 V maximum (AC or DC).

Life Under Load — 60,000 make-and-break cycles — resistive load only.

Initial Contact Resistance — 10 milliohms maximum. 3 VDC, 100 ma for both silver and gold plated contacts.

Insulation Resistance — 1 & 2 pole — 1,000 megohms minimum.
3 & 4 pole — 1,000 megohms minimum.

Dielectric Strength — 1,000 volts rms at sea level.

Operating Temperature — 30° to +85°C

MATERIALS

Base (body) — 1- and 2-pole —Diallyl Phthalate. (DAP).
3- and 4-pole — high strength phenolic.

Rocker/Paddle — Molded nylon.

Bushing — Brass, nickel plated.

Clamp (frame) — Stainless steel.

Support Bracket — Steel, tin plated.

Metal Bezel — Spring steel.

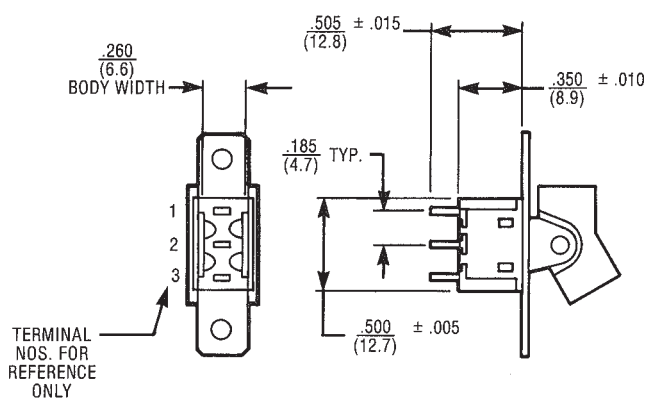
Plastic Bezel — Molded nylon.

Switching Contacts and Rockers —
Letter Code B — gold/nickel/brass
Letter Code G — gold/nickel/silver
Letter Code Q — Coin silver

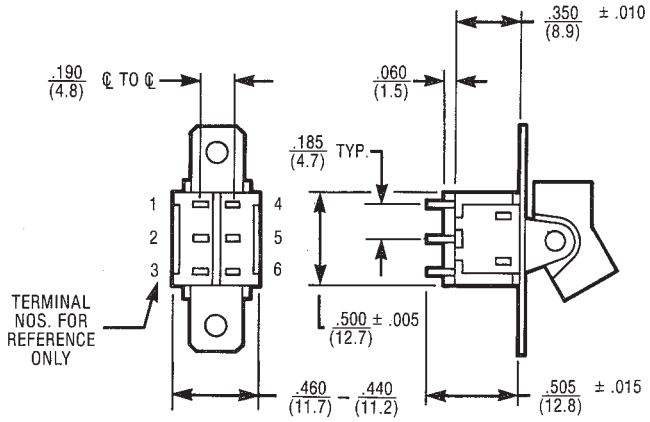
Center Terminal
Letter Codes B, G — Gold flash/nickel/brass
Letter Code Q — Silver plated brass.

Hardware — See page 57.

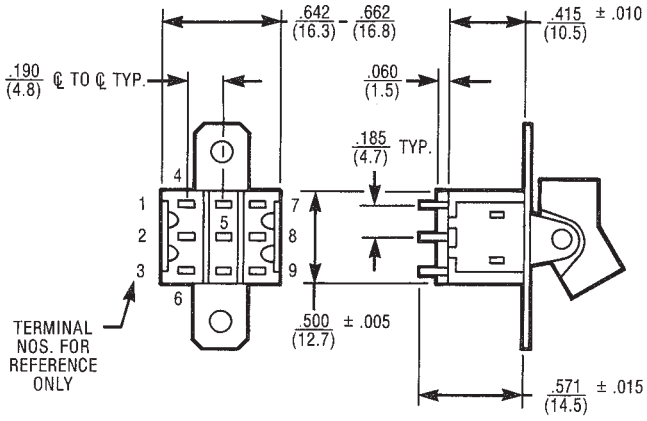
APPROXIMATE BASE DIMENSIONS



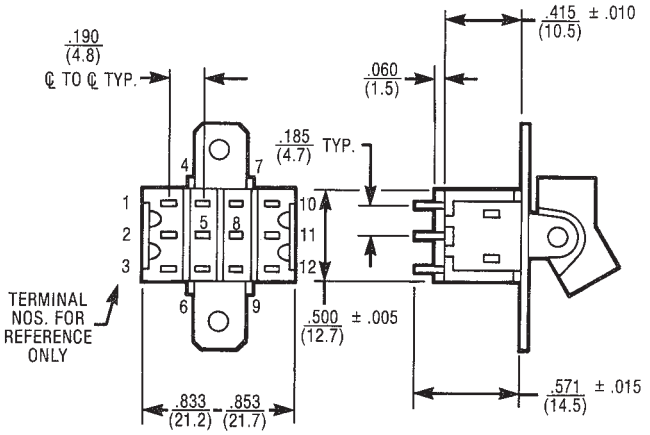
ONE POLE



TWO POLE



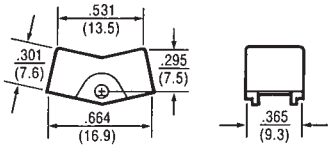
THREE POLE



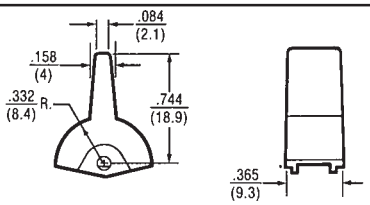
FOUR POLE

Rocker Actuator Options For P.C. Mounting

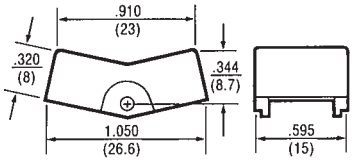
J71



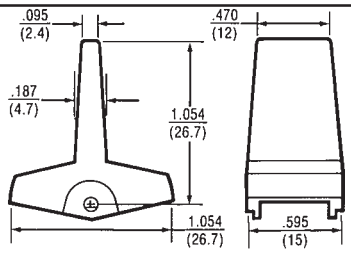
J72



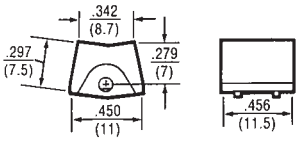
J73



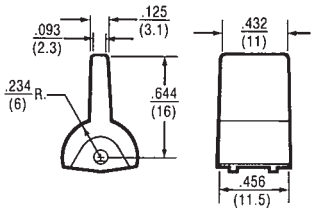
J75



J76

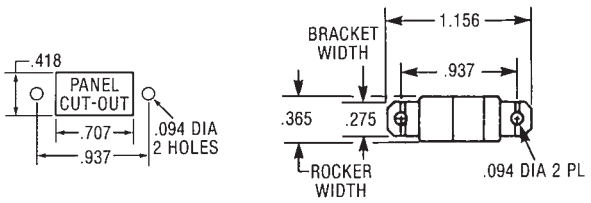


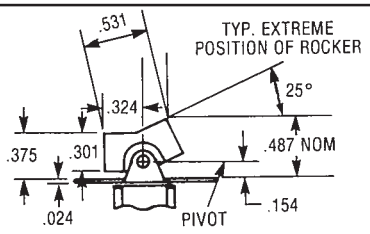
J77



ACTUATOR/MOUNTING OPTIONS

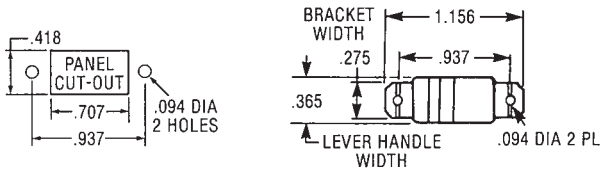
J1 Screw Mount Rocker

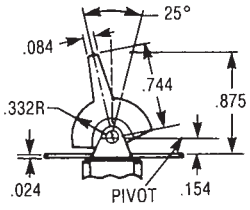




Refer to Page 57 for Mounting Hardware

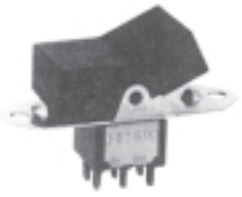
J2 Screw Mount Paddle Rocker

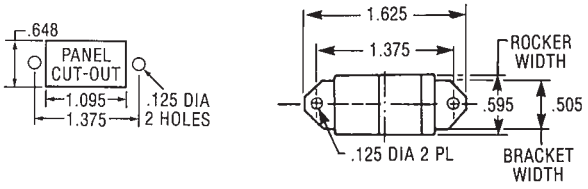


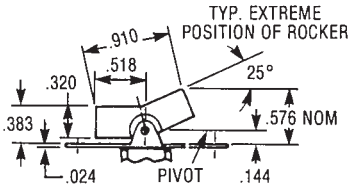


Refer to Page 57 for Mounting Hardware

J3 Screw Mount Large Rocker

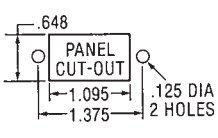


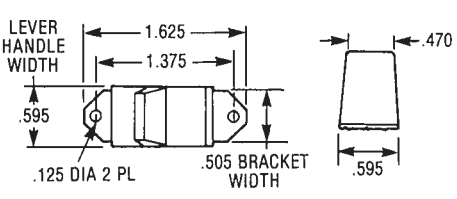


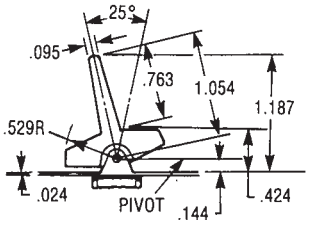


Refer to Page 57 for Mounting Information

J5 Screw Mount Large Tappered Paddle Rocker

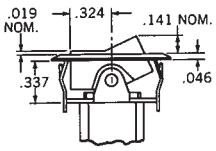




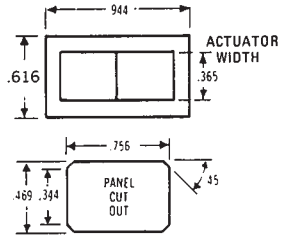


Refer to Page 57 for Mounting Hardware

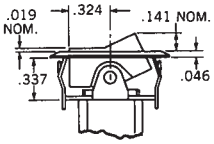
J11 Rocker with Snap-In Bezel ❶



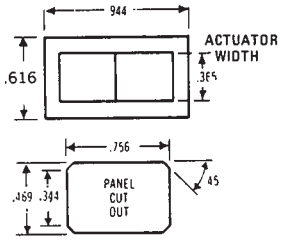
One Pole



PANEL THICKNESS
.062 to .125

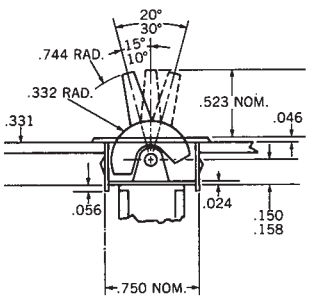


Two Pole

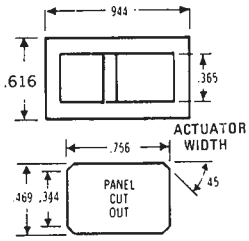


PANEL THICKNESS
.062 to .125

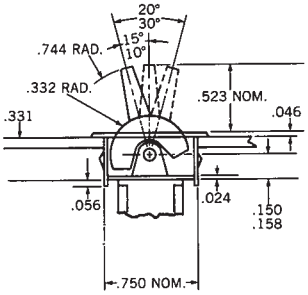
J21 Paddle with Snap-In Bezel ❶



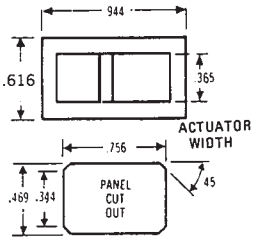
One Pole



PANEL THICKNESS
.062 to .125

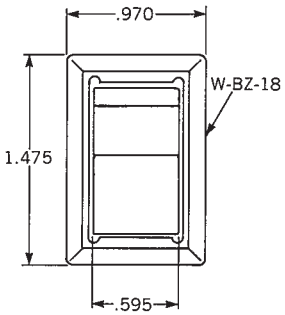


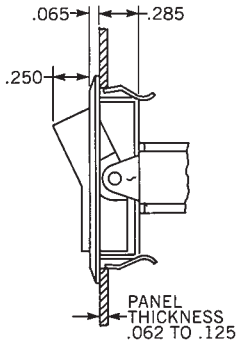
Two Pole

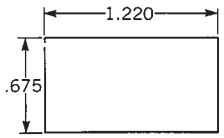


PANEL THICKNESS
.062 to .125

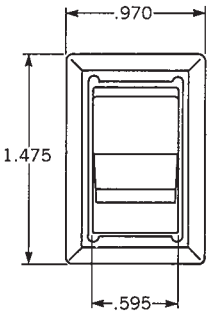
J37 Rocker Actuator/Mounting Option

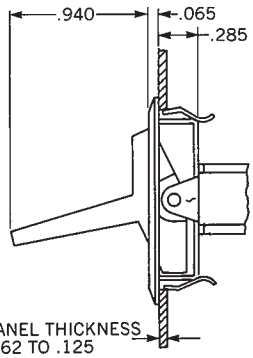


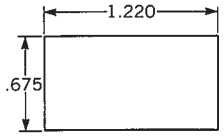




J47 Paddle Actuator/Mounting Option



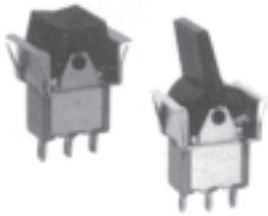


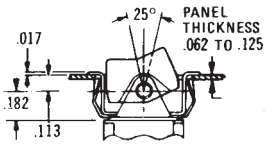


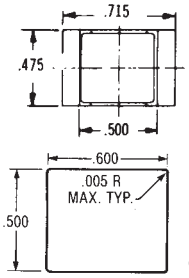
❶ Three and four pole switches require assembly from back of panel.

Actuator and Mounting Options

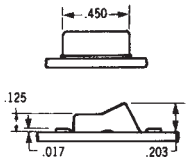
J50 = Snap in Mounting w/Low Profile Rocker ❶
J60 = Snap in Mounting w/Low Profile Paddle



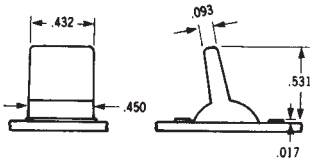




PANEL
CUT-OUT

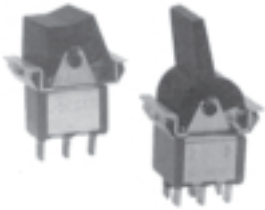


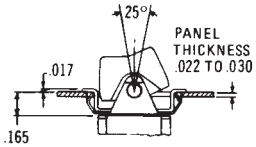
J50 Rocker Style

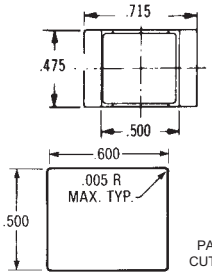


J60 Paddle Style

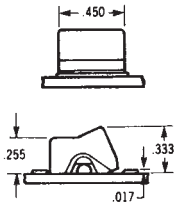
J53 = Snap in Mounting w/High Profile Rocker ❶
J63 = Snap in Mounting w/High Profile Paddle



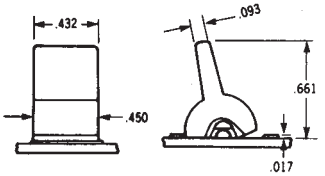




PANEL
CUT-OUT



J53 Rocker Style

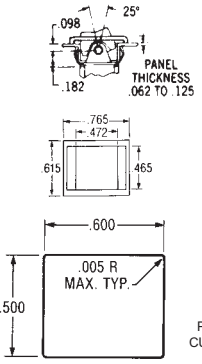


J63 Paddle Style

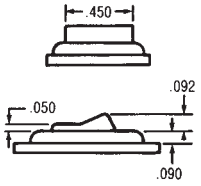
OPTIONAL BEZELS (For use with J50/J60 Series only)

Bezel Assembled with J50/J60 Series

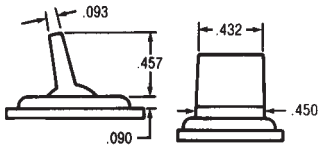
Color	Code	Part No.
White	1P	W-BZ-12A
Black	2P	W-BZ-12
Red	3P	W-BZ-12B



PANEL
CUT-OUT



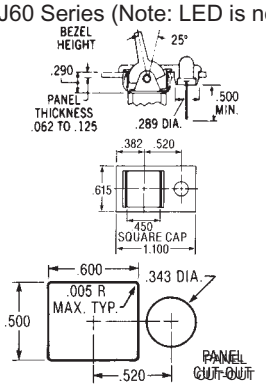
J50 Rocker Style w/Bezel

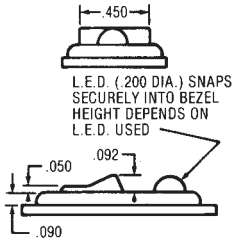


J60 Paddle Style w/Bezel

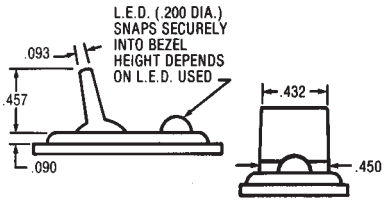
Bezel for L.E.D. Assembled with J50/J60 Series (Note: LED is not supplied)

Color	Code	Part No.
Black	4P	W-BZ-15





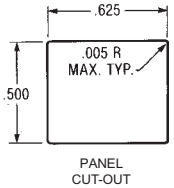
J50 Rocker Style
w/Bezel for L.E.D.



J60 Paddle Style
w/Bezel for L.E.D.

OPTIONAL MOUNTING CLIP (For use with J50/J60 Series only)

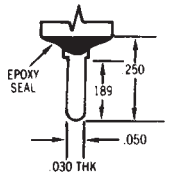
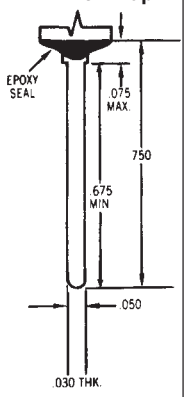
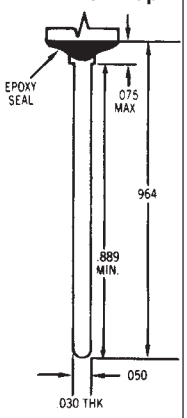
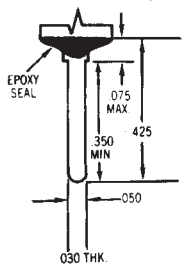
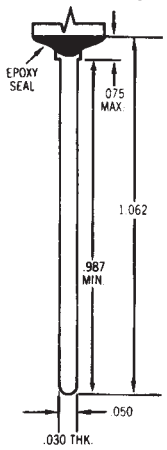
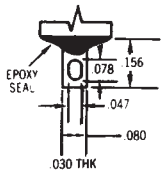
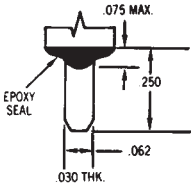
Clip Assembled with J50/J60 Series



PANEL
CUT-OUT

- For thick plastic panel mount applications (.094" - .125" thick)
- Consult factory for availability

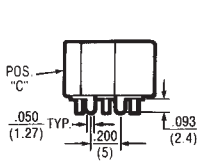
❶ All rocker switches on this page are snap-in from the front of the panel. No behind panel assembly hardware is needed.

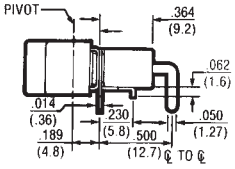
C Printed Circuit	W Wire-Wrap	W1 Wire-Wrap	W3 Wire-Wrap	W4 Wire-Wrap	Z Standard	Z3 Quick Connect
						 Mating Receptacle from AMP SPECIAL IND., P.O. Box 984, Paoli, Pa. 19301 Amp P/N single piece 61454 series, strip from 60900

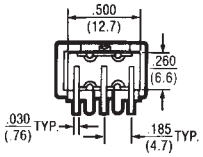
NOTE: Wire-Wrap is a registered trademark of the Gardner-Denver Company.

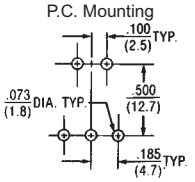
TERMINATION/MOUNTING OPTIONS

A



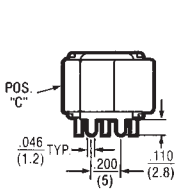


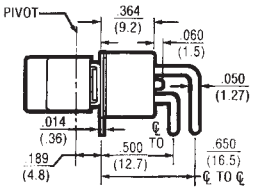


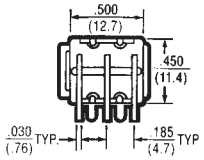


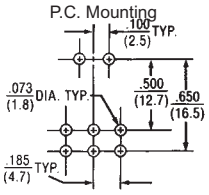
ONE POLE **EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS**

A



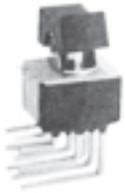


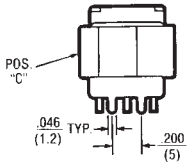


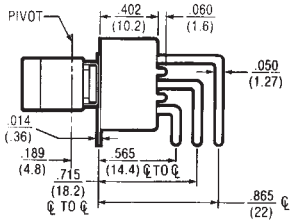


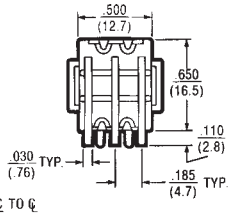
TWO POLE **EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS**

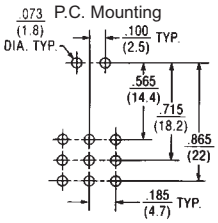
A





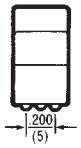


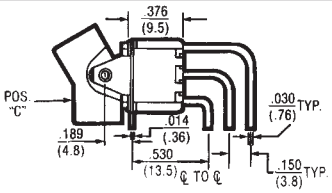


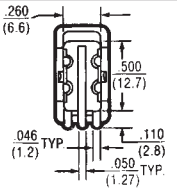


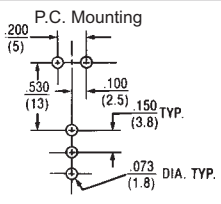
THREE POLE **EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS**

V5 ❶



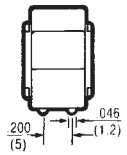


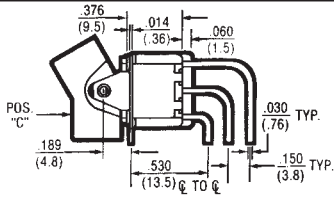


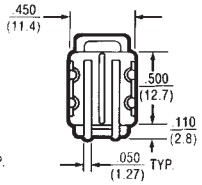


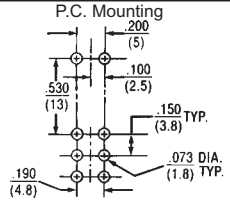
ONE POLE **EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS**

V5 ❶







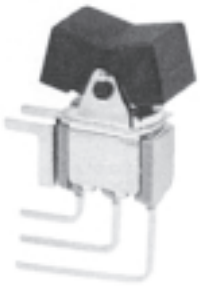


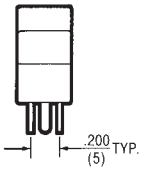
TWO POLE **EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS**

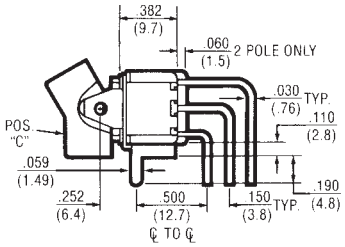
❶ The V5 option is available in Three and Four Pole Circuits.

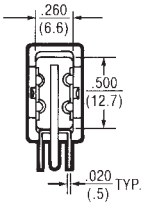
Termination/Mounting Options

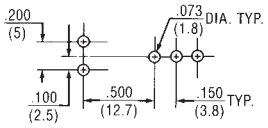
AV1 w/.100" Terminal Spacing
AV2 w/.150" Terminal Spacing (Pictured Below)







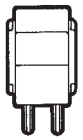


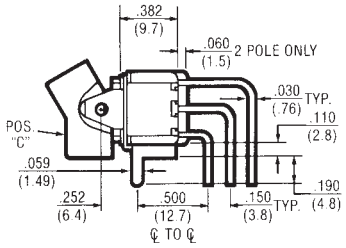


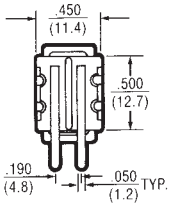
1 Pole P.C. Mounting

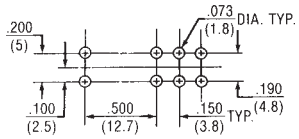
ONE POLE **EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS**

AV1 w/.100" Terminal Spacing
AV2 w/.150" Terminal Spacing (Pictured Below)





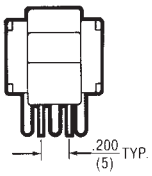


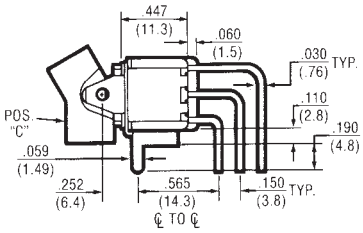


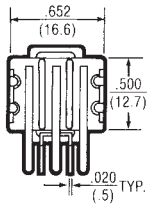
2 Pole P.C. Mounting

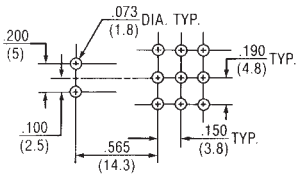
TWO POLE **EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS**

AV1 w/.100" Terminal Spacing
AV2 w/.150" Terminal Spacing (Pictured Below)





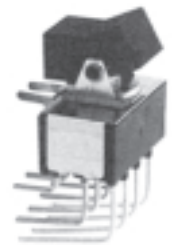


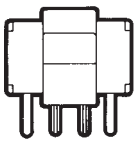


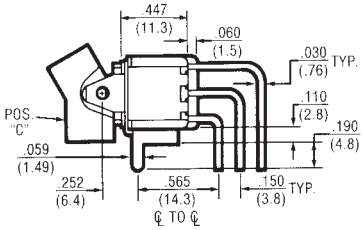
3 Pole P.C. Mounting

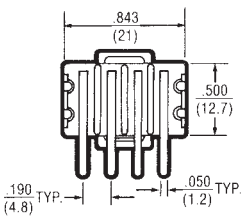
THREE POLE **EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS**

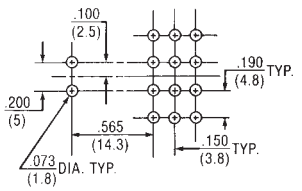
AV1 w/.100" Terminal Spacing
AV2 w/.150" Terminal Spacing (Pictured Below)







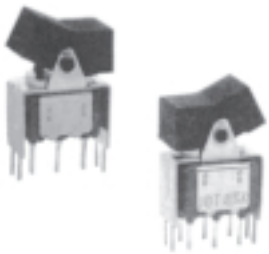


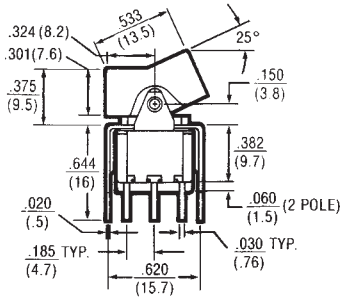


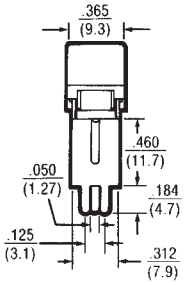
4 Pole P.C. Mounting

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

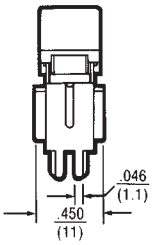
V3



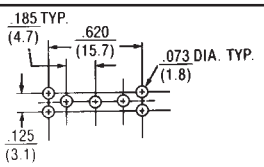




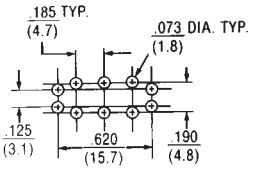
1 Pole



2 Pole



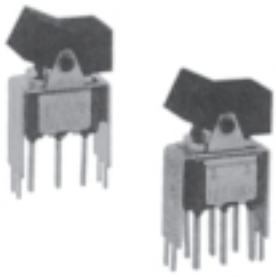
1 Pole P.C. Mounting

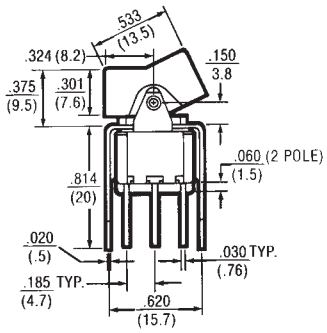


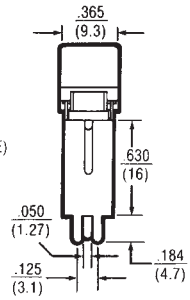
2 Pole P.C. Mounting

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

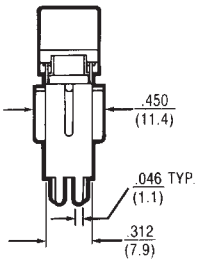
V4



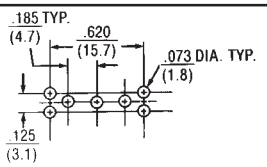




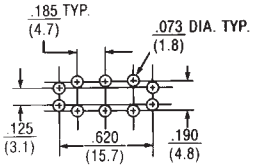
1 Pole



2 Pole



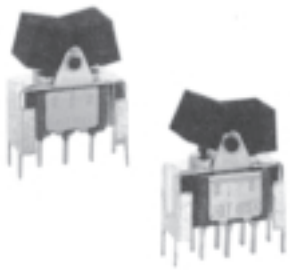
1 Pole P.C. Mounting

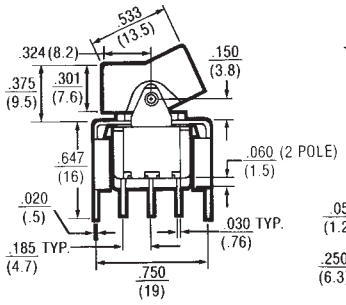


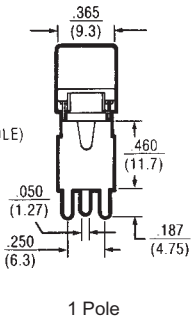
2 Pole P.C. Mounting

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

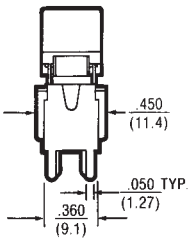
V6



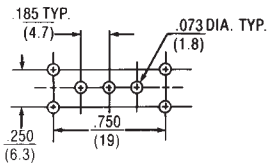




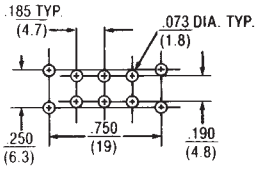
1 Pole



2 Pole



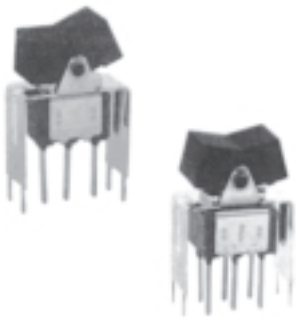
1 Pole P.C. Mounting

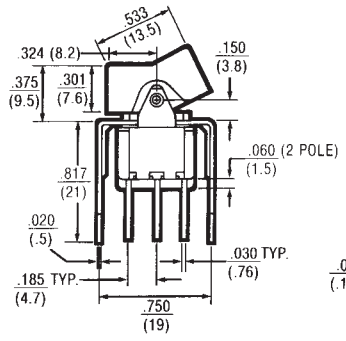


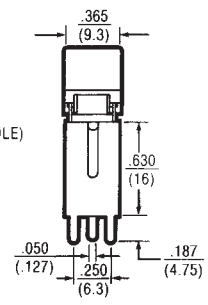
2 Pole P.C. Mounting

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

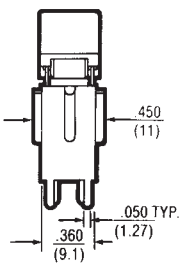
V7



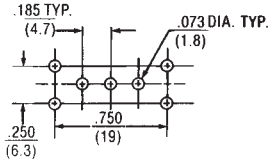




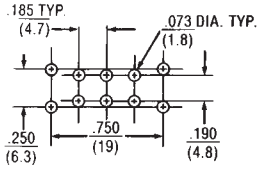
1 Pole



2 Pole



1 Pole P.C. Mounting



2 Pole P.C. Mounting

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

Ordering Table — Washable Rocker & Paddle Switches

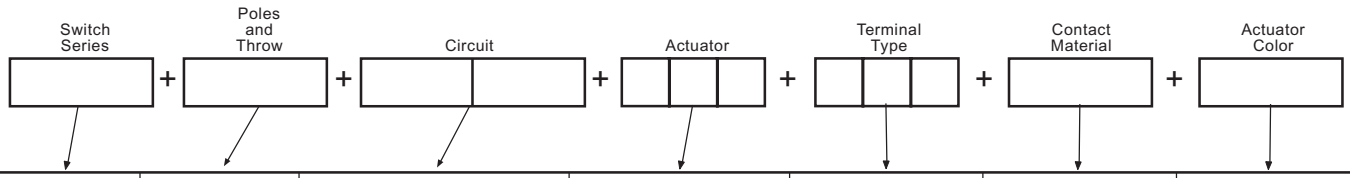
Designed to be wave soldered along with other Printed Circuit Board Components and withstand associated cleaning processes.

HOW TO ORDER YOUR DESIGN (**Bold** Face Type indicates items normally in Distributor Stock)

Following the table from left to right, the designer is able to specify the options wanted. The options are described and illustrated on the following pages.

To determine a part number select the options desired and fill in the boxes in the selection guides illustrated below.

Washable Rocker/Paddle Switch Selection Guide



Series		Poles and Throw		Circuits ❸				Actuator Options		Terminal Options		Contact Material		Actuator Color	
Type	Code	No.	Code	Description			Code	Type	Code	Type	Code	Type	Code	Type	Code
Rocker	WR	SPDT	1			POS. "C"		Rocker ❺ (Screw Mount)	J1	Right Angle PC	A	Gold/Brass	B	White	1
Paddle	WP	DPOT	2	ON	OFF	ON	21	Paddle ❺ (Screw Mount)	J2	Vertical PC .150 Spacing	AV2	Gold/Silver	G	Black	2
				ON	NONE	ON	23	Rocker Actuator ❻	J71	PC Terminals	C	Coin Silver	Q	Other ❷	
				ON	NONE	ON*	26	Paddle Actuator ❻	J72	PC & Support	V3	❹	K		
				ON*	OFF	ON*	27	Rocker Actuator ❻	J76	.750 Wire Wrap	W	❹	L		
				ON	OFF	ON*	31	Paddle Actuator ❻	J77	.964 Wire Wrap	W1	❹	M		
				ON	ON	ON	32 ❶			.425 Wire Wrap	W3				
				ON	ON	ON*	33 ❶			1.062 Wire Wrap	W4				
				ON*	ON	ON*	35 ❶			Solder Lug	Z				
										Quick Connect	Z3				

*Momentary Contact.
❶ 2 Pole Only.
❷ Contact Electroswitch for availability.
❸ Refer to page 59 for circuit diagram.
❹ Same as B, G, and Q respectively except terminals brass with tine nickel alloy over nickel plate. Consult factory for availability.
❺ Available with C, Z, Z3, W-W4 termination.
❻ Available with A, AV2, V3, termination.

EXAMPLES:

WR123J71AQ2 = SPDT rocker switch with an ON-NONE-ON circuit, J71 style rocker actuator (black), right angle P.C. terminals with coin silver contacts.

WP227J2CG2 = DPDT paddle switch with an ON*-OFF-ON* circuit, J2 style paddle actuator (black), screw-in direct panel mounting frame, P.C. terminals with gold/silver contacts.

SPECIFICATIONS:

Contact Ratings —
Letter codes G and Q — 6 amp at 125 VAC, 3 amp @ 250 VAC (U.L. recognized, CSA certified) or 6 amp at 28 VDC resistive.
Letter codes B and G – 0.5. volt-amp (VA) maximum @ 28 V maximum (AC or DC).

Life Under Load — 60,000 make-and-break cycles — resistive load only.

Initial Contact Resistance — 10 milliohms maximum 3 VDC, 100 ma for both silver and gold plated contacts.

Insulation Resistance — 1,000 megohms, min.

Dielectric Strength — 1,000 volts rms at sea level.

Operating Temperature — -30 degrees C to 85 degrees C.

MATERIALS:

Base & Bushing — Thermoplastic high temperature (UL 94V-O).

Rocker/Paddle — Molded nylon.

Mounting Bracket — Molded nylon.

Support Brackets — Brass or steel tin plated.

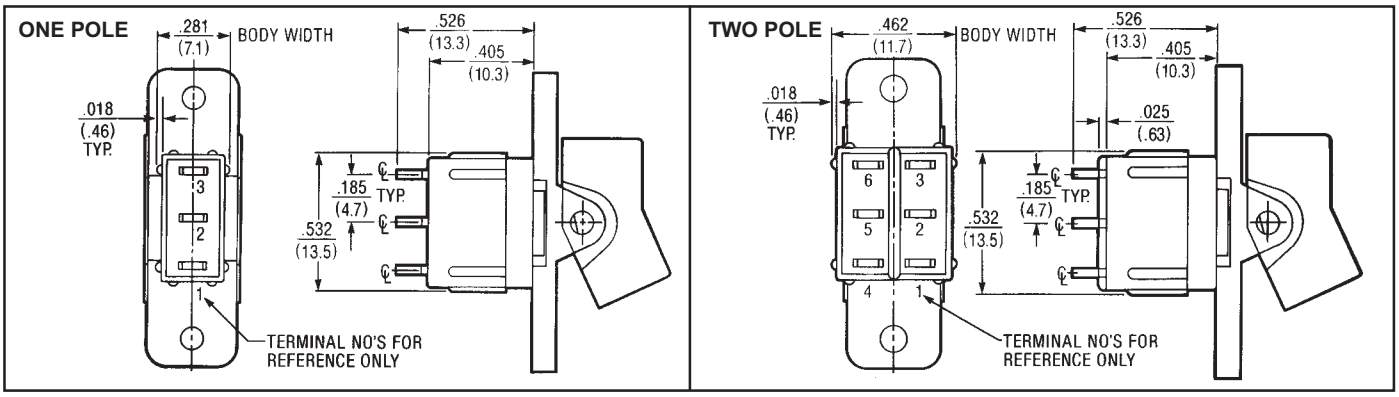
Switching Contacts and Rockers —
Letter Code B — gold/nickel/brass
Letter Code G — gold/nickel/silver
Letter Code Q — Coin silver

Center Terminal
Letter Codes B & G — Gold flash/nickel/brass
Letter Code Q — Silver plated brass.

Hardware — Two mounting screws, two nuts, two spacers for .094" thick panel, and two lockwashers are supplied standard on screw mounted switches.

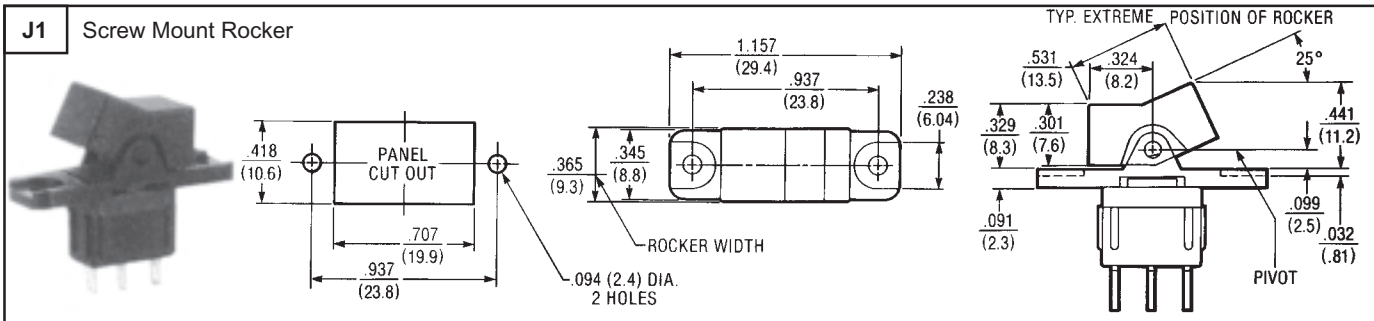
Washable Rocker & Paddle Switches — Specifications

APPROXIMATE BASE DIMENSIONS

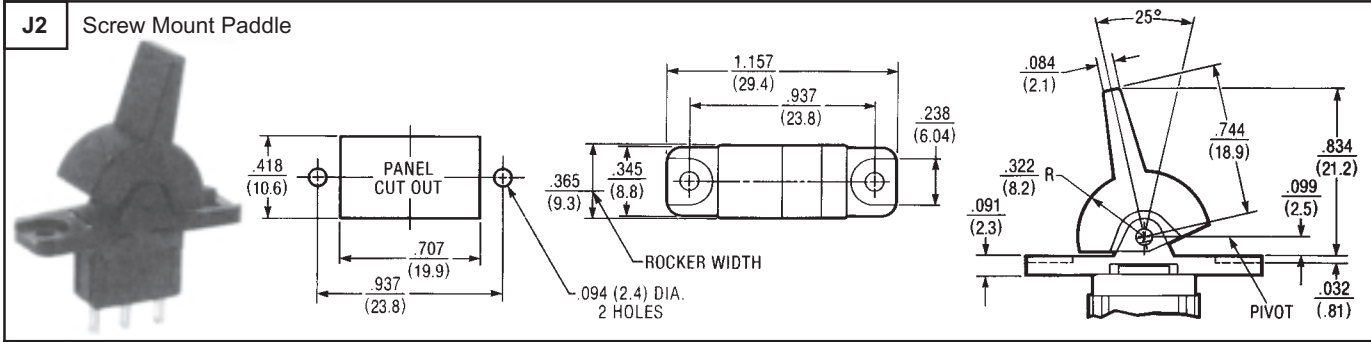


ACTUATOR/MOUNTING OPTIONS

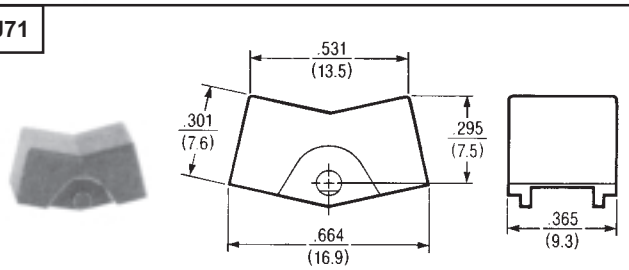
J1 Screw Mount Rocker



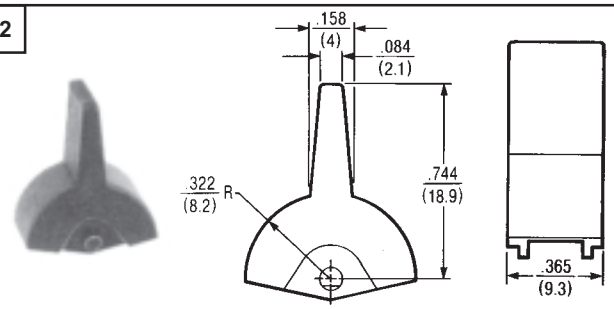
J2 Screw Mount Paddle



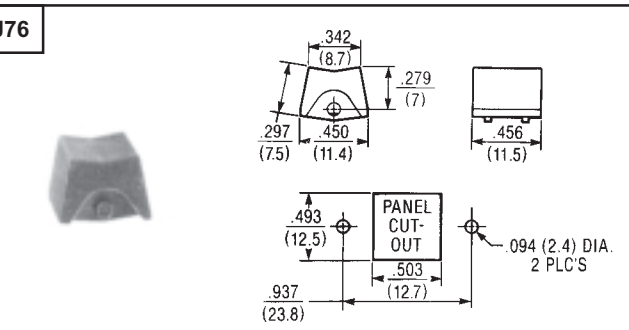
J71



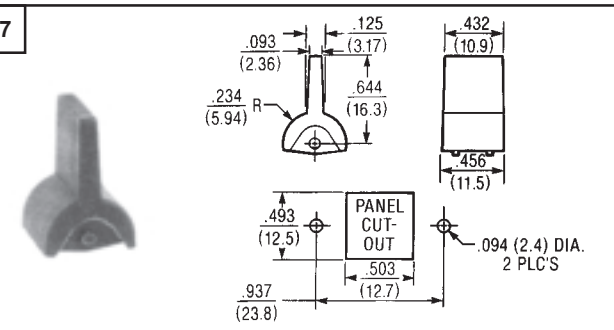
J72



J76



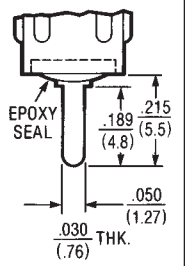
J77



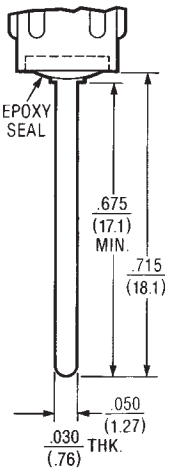
Washable Rocker & Paddle Switches

TERMINATION OPTIONS

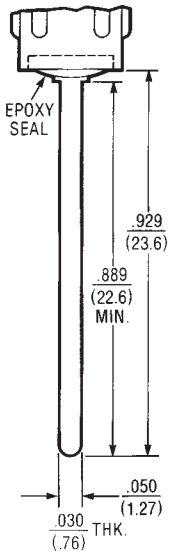
C Printed Circuit



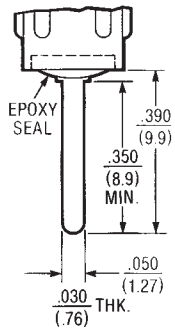
W Wire-Wrap



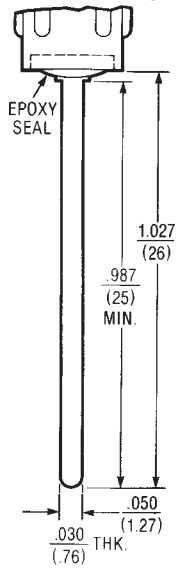
W1 Wire-Wrap



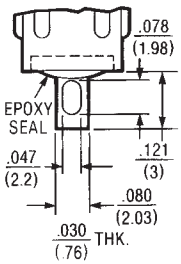
W3 Wire-Wrap



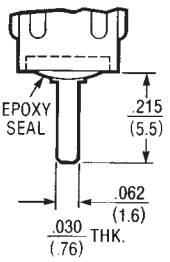
W4 Wire-Wrap



Z Standard



Z3 Quick Connect

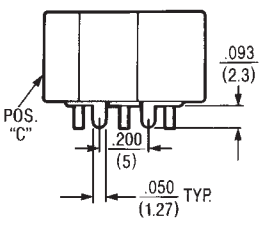


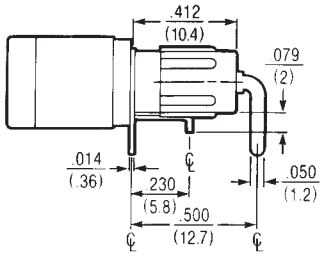
Mating Receptacle from AMP SPECIAL IND., P.O. Box 984, Paoli, Pa. 19301 Amp P/N single piece 61454 series, strip from 60900

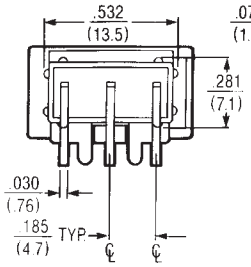
NOTE: Wire-Wrap is a registered trademark of the Gardner-Denver Company.

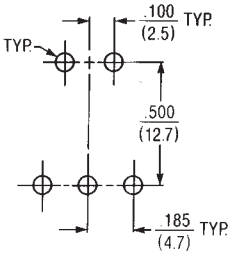
TERMINATION & MOUNTING OPTIONS

A





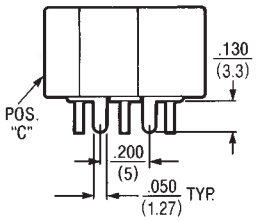


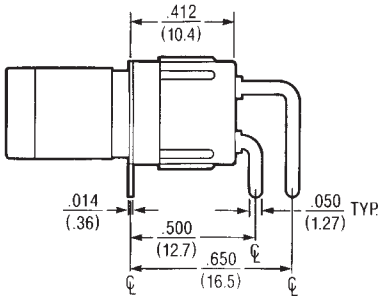


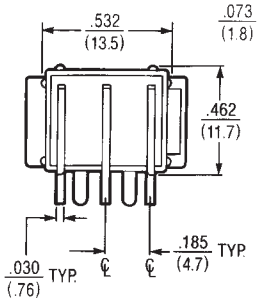
P.C. MOUNTING

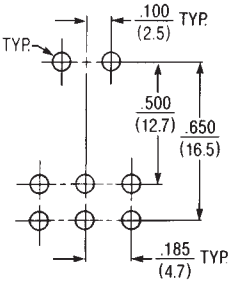
ONE POLE

A









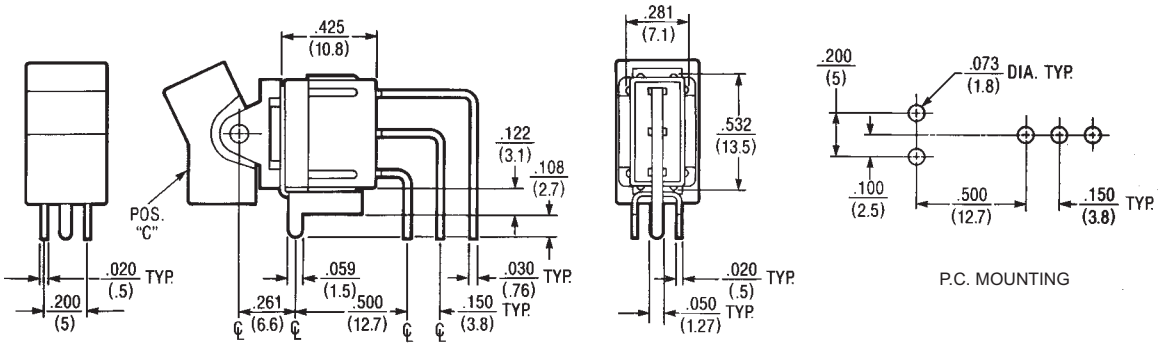
P.C. MOUNTING

TWO POLE

TERMINATION & MOUNTING OPTIONS — Contd.

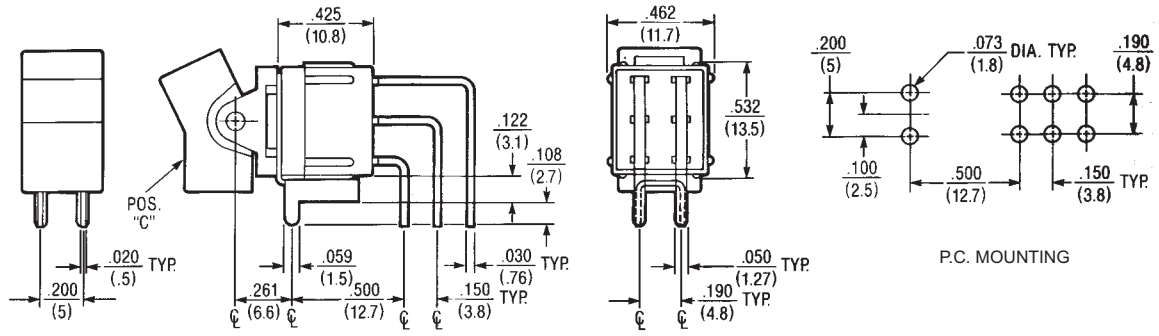
AV2

ONE POLE



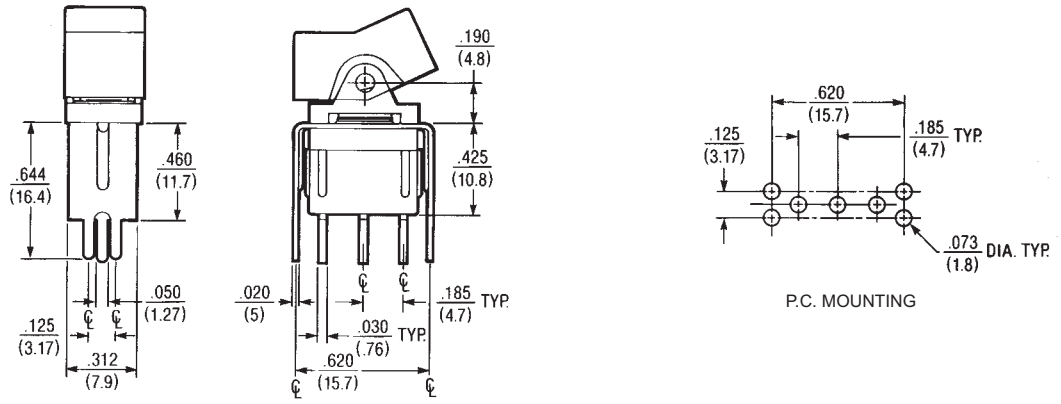
AV2

TWO POLE

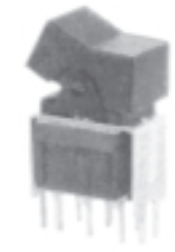


V3

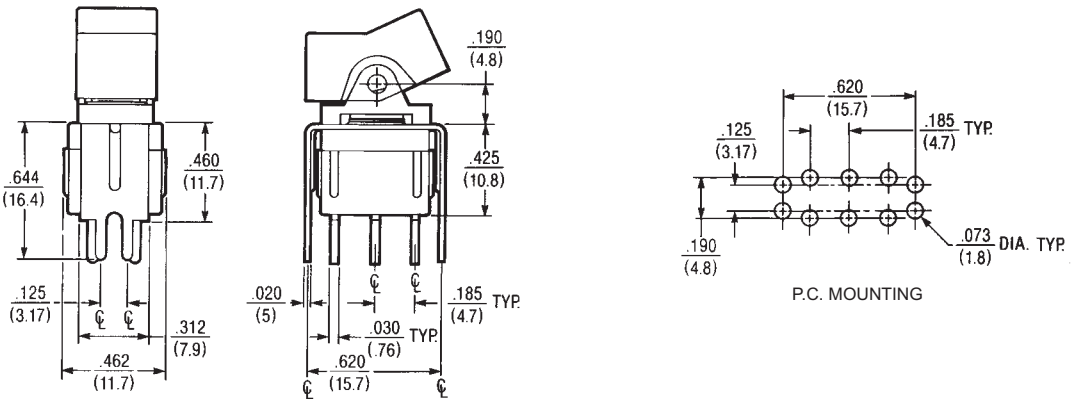
ONE POLE



V3



TWO POLE



Sub-Miniature Rocker Switches for Printed Circuit Boards — Wave Solderable
Series RK8000 PCB Rocker Switches

SPECIFICATIONS

- Mechanical life – 500,000 operations minimum
- Contact resistance – 25 milliohms maximum
- Dielectric strength – 1000 VAC rms
- Ambient temperature range – -20°C to +70°C
- Weight – 0.06 ounces (1.7 grams)
- Electrical life – 100,000 operations minimum
- Red rocker supplied as standard. Various rocker colors are available. For information consult Electroswitch
- Contact material – Gold over nickel over silver over copper

Gold-plated shorting bar and terminals provide over 500,000 cycles low level current/ voltage operation

Drain holes permit complete flux wash-down

Simple 2-piece spring/cam-block mechanism results in long mechanical life

CURRENT RATINGS

Type	Nominal Rating, Amperes			
	6V dc	12V dc	28V dc	125V ac
RK8001-RK8007	1	1	0.5	0.5

NOTE: For special .5 VA max. rating @ 28 VAC or DC contact Electroswitch.

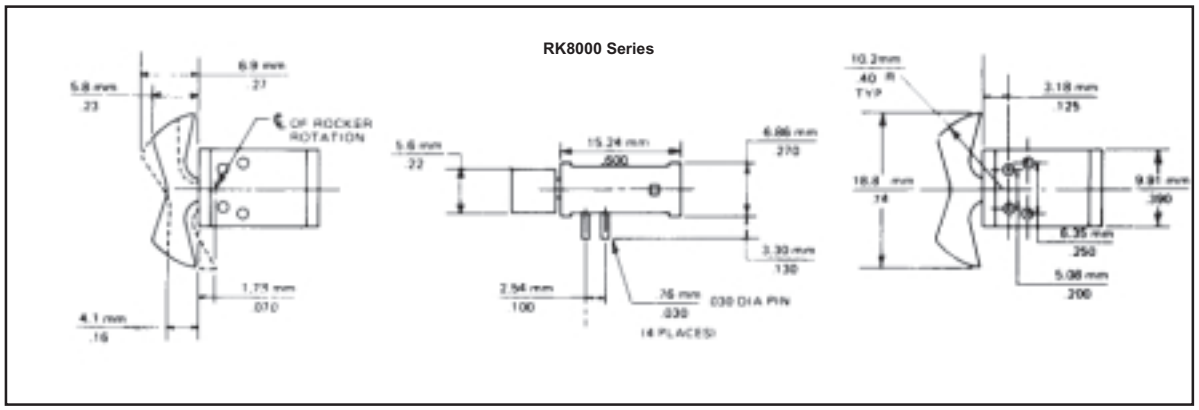
SELECTION TABLE

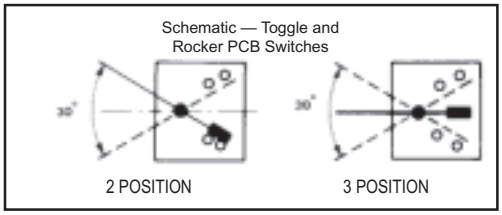
(**Bold** Face Type indicates items normally in Distributor Stock)

Circuit With Lever In			Poles & Throw	No. Of Positions	Catalog No. P.C. Terminals 0.130" (3.30 mm) Long
Position A	Position B	Position C			
ON	NONE	ON		2	RK8001
ON	NONE	ON*		2	RK8002
ON*	NONE	ON		2	RK8003
ON	OFF	ON*	2 Circ.	3	RK8004
ON*	OFF	ON		3	RK8005
ON	OFF	ON		3	RK8006
ON*	OFF	ON*		3	RK8007

* Momentary Contact

APPROXIMATE DIMENSIONS





CAUTION — MANUAL SWITCHES ARE AFFECTED BY HEAT, CLEANING SOLVENTS AND FLUX. EXTREME CARE SHOULD BE EXERCISED DURING HAND SOLDERING AND WAVE SOLDERING TO PREVENT SWITCH CONTAMINATION.

Ordering Table — Standard Toggle Switches

HOW TO ORDER YOUR DESIGN (**Bold** Face Type indicates items normally in Distributor Stock)

Following the table from left to right, the designer is able to specify the options wanted. The options are described and illustrated on pages 24-31. Refer to page 57 for mounting hardware.

To determine a part number select the options desired and fill in the boxes in the selection guides illustrated below.

Toggle Switch Selection Guide

Toggle Switch Series + Poles and Throw + Circuit + Lever Options + Lever Finish + Bushing Options + Terminal Type + Contact Material + Other

Series	Poles and Throw		Circuits ⑩				Lever Options and Finishes				Bushing Options		Terminal Options ⑦		Contact Material		Other Option	
	No.	Code	Keyway		POS. "C"	Code	Type	Code	Finish	Code	Type	Code	Type	Code	Type	Code	Type	Code
A	SPDT	1					Lever Lock K Bushing Only	K1	Bright Chrome ⑭	1	Splashproof Lever ❸ & Bushing Seal	CW	Right Angle PC ⑪	A	Gold/Nickel/Brass	B	Epoxy Sealed ⑦ Terminals	
									Stain Chrome	2					Gold/Nickel/Silver	G		
	DPDT	2	ON	OFF	ON	21	.840 Bat	L0	Black ❶	3	Splashproof ❸ Lever Seal Only	CX	Vertical PC .100 Spacing	AV	Coin Silver	Q	Anti-Rotation Anti-Jam Bushing ❹	P
	3PDT	3	ON	NONE	ON	23	.640 Bat	L1			.280 Threaded ❷	D	Vertical PC .150 Spacing	AV2	⑮	K		
							.550 Bat	L2							⑮	L		
	4PDT	4	ON	NONE	ON*	26	Long Mod Cap	L3	Black Nylon ❽	4	.280 Smooth ❷	D9	Printed Circuit Terminals	C	⑮	M		
							Short Mod Cap	L4	Red Nylon ❽	5	.350 Flatted	H						
			ON*	OFF	ON*	27	.200 Bat	M	White Nylon ❽	6	With Shoulder		Right Angle ❾ Same Throw	R				
							.840 Flat	P1			.350 Keyway With Shoulder	H3						
			ON	OFF	ON*	31	.450 Flat	P3					Right Angle ❾ Opposite Throw	R2				
							.250 Flat	P4			Locking K1 Lever Only	K						
			ON	ON	ON	32	.410 Bat	S					PC & Support ❻	V30				
							.468 Large ⑬	T1			15/32 Dia. ⑫	T						
			ON	ON	ON*	33	.687 Large ⑬	T			Splashproof Lever ⑫ 15/32 & Panel Seal	TW	PC & Support ❻	V40				
													PC & Support ❻	V60				
			NONE	ON	ON*	34 ❺					15/32 Splashproof ⑫ Lever Seal Only	TX						
			ON*	ON	ON*	35							PC & Support ❻	V70				
			NONE	ON	ON	53 ❺					.350 Threaded	Y	.750 Wire Wrap	W				
											.437 Threaded (With P3 Only)	Y5	.964 Wire Wrap	W1				
											.350 Smooth	Y9	.425 Wire Wrap	W3				
													1.062 Wire Wrap	W4				
													Solder Lugs	Z				
													Quick Connect	Z3				

*Momentary Contact

❶ Available on S, M and P3 only.

❷ Add .070 to lever length when using these bushings.

❸ Available with S, M, L0, L1, L2, L3, L4 lever options. Consult factory for availability.

❹ Standard on P1, P3, P4 and K1 lever options. Available on all other levers except T & T1.

❺ These circuits are **NOT** available with the following 3 and 4 pole options: A, AV, AV2, V30, V40, V60 and V70.

❻ 1 and 2 pole only.

❼ Epoxy seal standard on all terminal options.

❽ Available only with L3 and L4 levers.

❾ Available in 1 pole only.

❿ See page 58 for construction detail, wiring and electrical diagrams.

⓫ 1, 2 and 3 pole only.

⓬ Available on T or T1 lever options only.

⓭ Available on T, TW, and TX bushing options. (Bright chrome only.)

⓮ Not available on K1 lever.

⓯ Same as B, G and Q respectively except terminals brass with tin nickel alloy over nickel plate. Consult plant for availability.

EXAMPLES:

A232L01YW1B = DPDT toggle switch with an ON-ON-ON circuit, .840" long lever in a bright chrome finish, .350 threaded bushing, .964" long wire wrap terminals, gold/brass contacts and epoxy sealed terminals.

SPECIFICATIONS:

Contact Ratings —
Letter codes G and Q — 6 amp at 125 VAC, 3 amp @ 250 VAC (U.L. recognized, CSA certified) or 6 amp at 28 VDC resistive.
Letter codes B and G – 0.5. volt-amp (VA) maximum @ 28 V maximum (AC or DC).

Life Under Load — 60,000 make-and-break cycles — resistive load only.

Initial Contact Resistance — 10 milliohms maximum 3 VDC, 100 ma for both silver and gold plated contacts.

Insulation Resistance — 1 & 2 pole —1,000 megohms, min.
3 & 4 pole —1,000 megohms, min.

Dielectric Strength — 1,000 volts rms at sea level.

Bushing Strength — 12 pound-inches without physical damage to switch.

Weight (including hardware) — SP 0.19 oz.; DP 0.23 oz.; 3-pole 0.28 oz.; 4-pole 0.32 oz.

MATERIALS:

Base (body) — 1- and 2-pole —Diallyl Phthalate (DAP).
3- and 4-pole — high strength phenolic.

Lever (toggle) — Brass, chrome plated.

Flat Lever — Brass, satin chrome finish.

Locking lever cap — Anodized aluminum.

Bushing — Brass, nickel plated.

Clamp (frame) — Stainless steel.

Support brackets — Steel, tin plated.

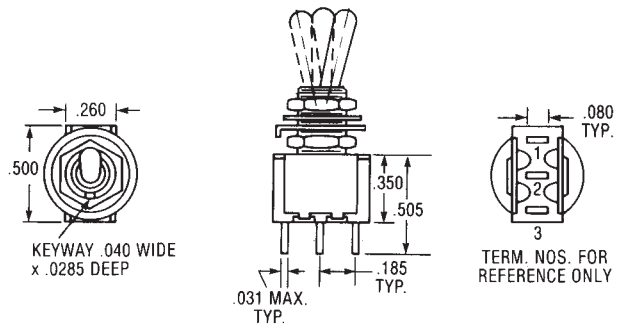
Switching Contacts and Rockers —
Letter Code B — gold/nickel/brass
Letter Code G — gold/nickel/silver
Letter Code Q — Coin silver

Center Terminal
Letter Codes B, G — Gold flash/nickel/brass
Letter Code Q — Silver plated brass.

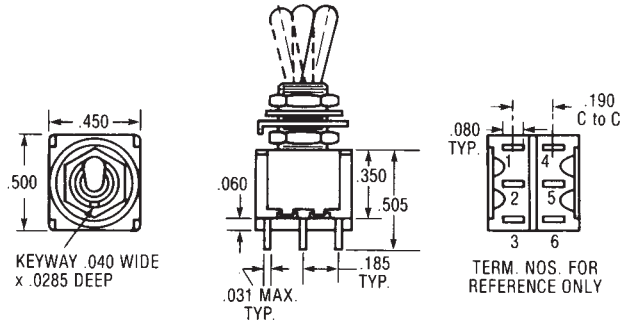
Hardware — See page 55-57.

Toggle Switches — Base Dimensions and Lever Options

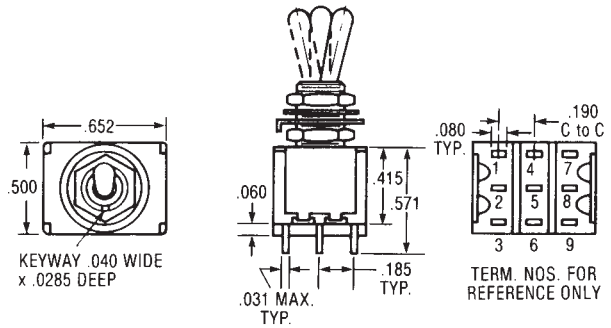
APPROXIMATE BASE DIMENSIONS



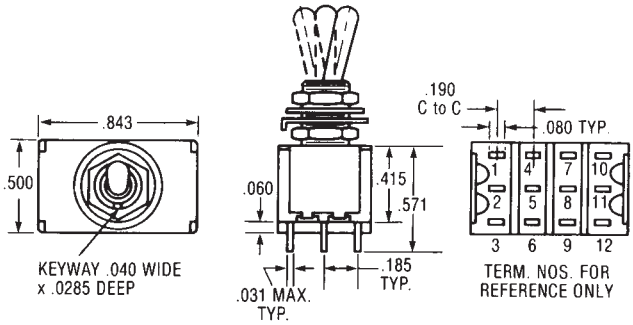
ONE POLE



TWO POLE



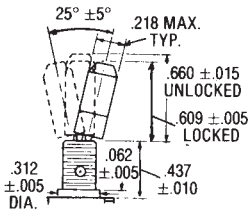
THREE POLE



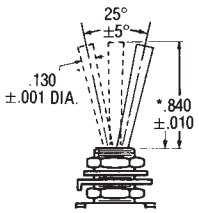
FOUR POLE

TOGGLE LEVER OPTIONS

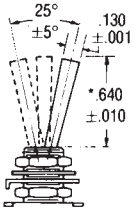
K1 Locking Lever



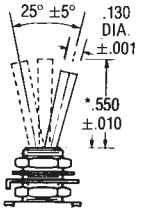
L0 Long (.840")



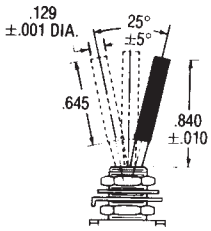
L1 Long (.640")



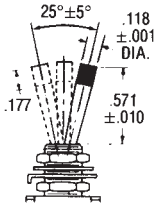
L2 Long (.550")



L3 Plastic (.840")

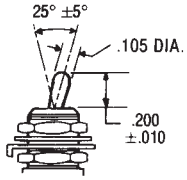


L4 Plastic (.571")

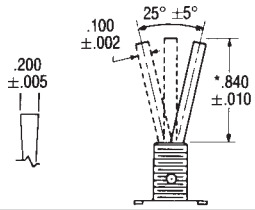


Toggle Lever Options — Contd.

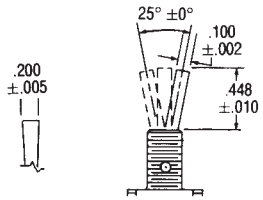
M Short (.200")



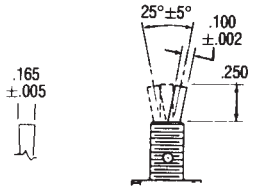
P1 Flatted (.840")



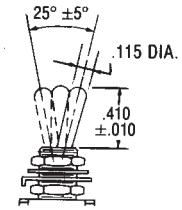
P3 Flatted (.448")



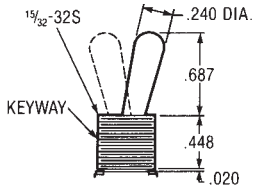
P4 Flatted (.250")



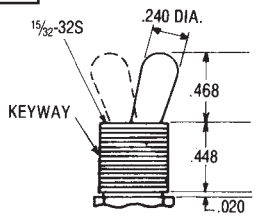
S Std. Bat (.410")



T Large Toggle



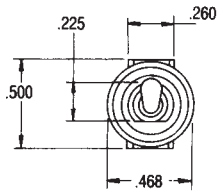
T1 Large Toggle

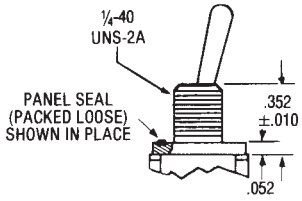


BUSHING OPTIONS

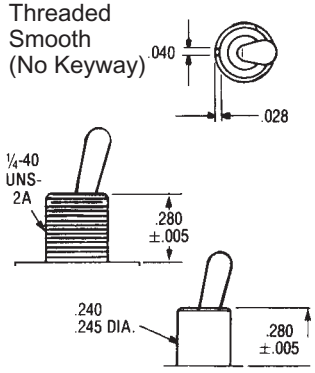
CW Splashproof Sealed Lever and Panel Seal

CW = Flatted bushing

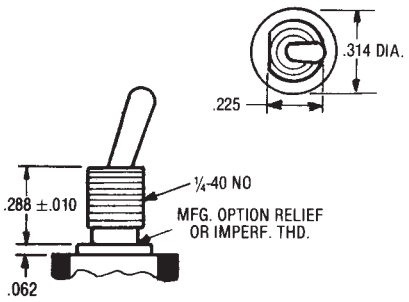




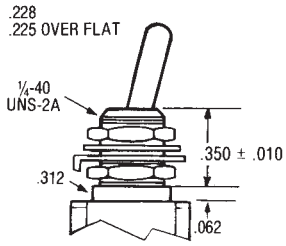
D **D9** Threaded Smooth (No Keyway)



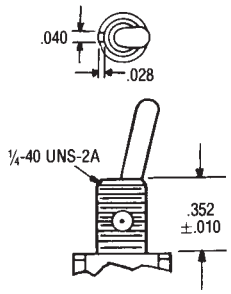
H High Torque Flatted with Shoulder



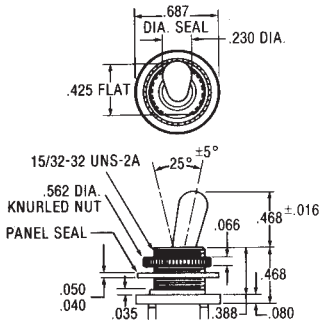
H3 High Torque



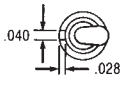
P Anti-Rotation

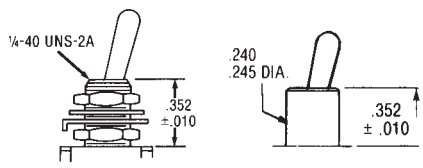


TW Splashproof Sealed Lever and Panel Seal

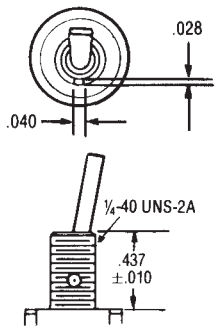


OX **Y** **Y9** Threaded with Lever Seal Threaded Smooth (No Keyway)





Y5 Long Bushing (.437")

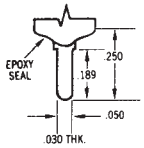


K Refer to K1 lever drawing for dimensions.

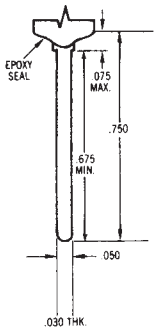
T&TX Refer to T or T1 lever drawing for dimensions.

Note: For hardware refer to pages 55-57.

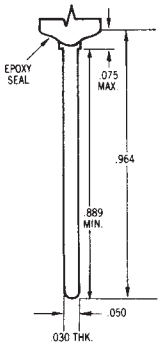
C Printed CIRCUIT



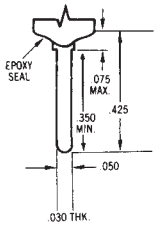
W Wire-Wrap



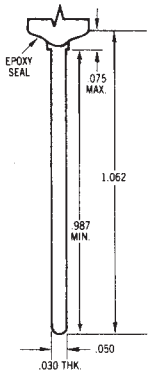
W1 Wire-Wrap



W3 Wire-Wrap

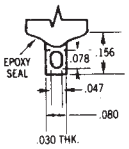


W4 Wire-Wrap

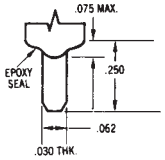


NOTE: Wire-Wrap is a registered trademark of the Gardner-Denver Company.

Z STANDARD



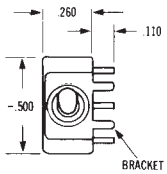
Z3 Quick CONNECT

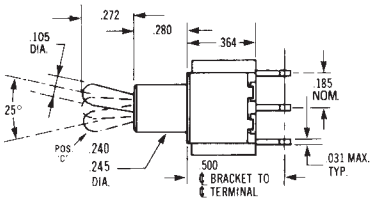


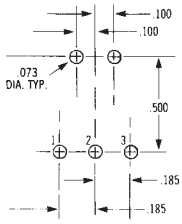
Mating Receptacle from AMP SPECIAL IND., P.O. Box 984, Paoli, Pa. 19301 Amp P/N single piece 61454 series, strip from 60900

TERMINATION/MOUNTING OPTIONS

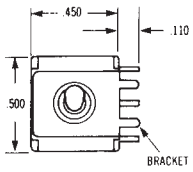
A — One Pole

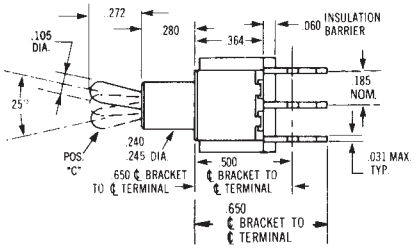


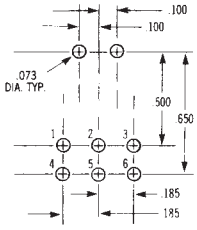




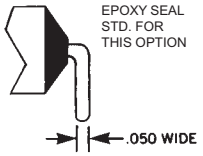
A — Two Pole



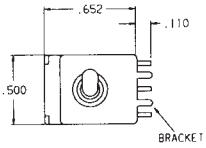


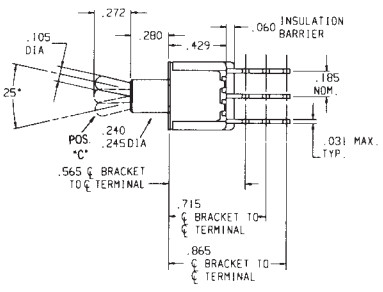


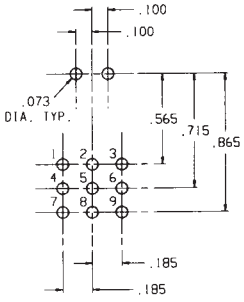
Right Angle P.C. Terminal



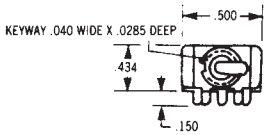
A — Three Pole

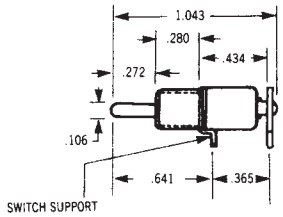




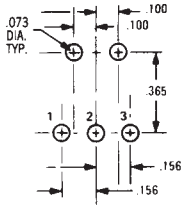


R — One Pole

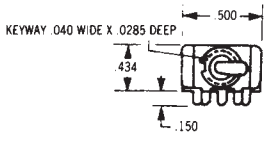


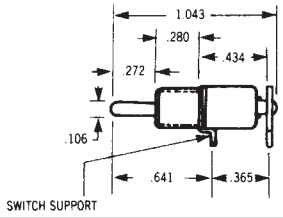


Contacts Make on Opposite Side Toggle Thrown

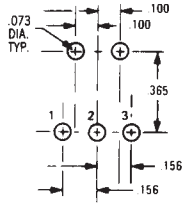


R2 — One Pole



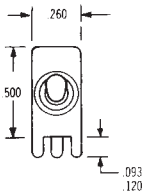


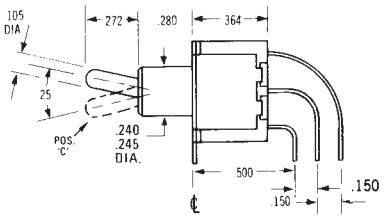
Contacts Make on Opposite Side Toggle Thrown

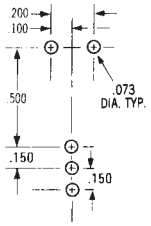


Termination/Mounting Options

AV1	w/.100" terminal spacing
AV2	w/.150" terminal spacing (pictured below)

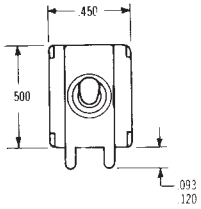


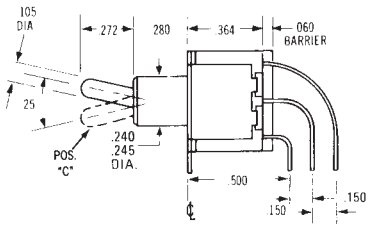


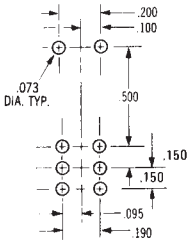


ONE POLE Epoxy sealed P.C. terminals are supplied as standard for these options.

AV1	w/.100" terminal spacing
AV2	w/.150" terminal spacing (pictured below)

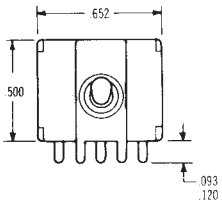


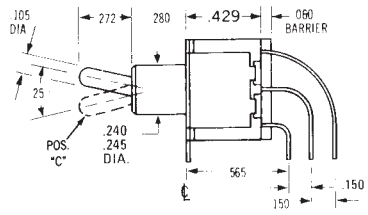


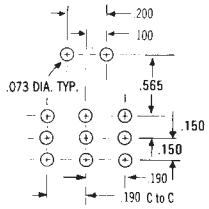


TWO POLE Epoxy sealed P.C. terminals are supplied as standard for these options.

AV	w/.100" terminal spacing
AV2	w/.150" terminal spacing (pictured below)

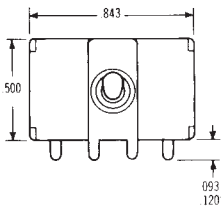


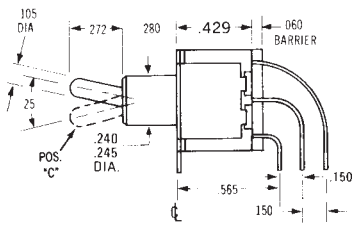


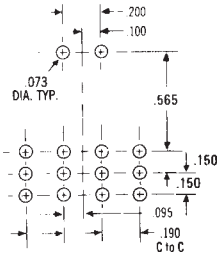


THREE POLE Epoxy sealed P.C. terminals are supplied as standard for these options.

AV	w/.100" terminal spacing
AV2	w/.150" terminal spacing (pictured below)

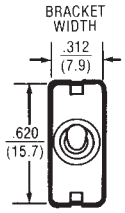


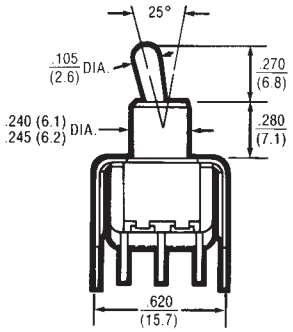


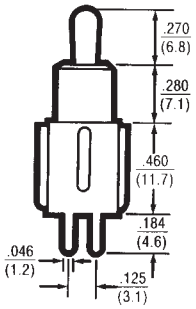


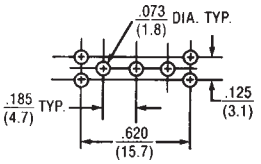
FOUR POLE Epoxy sealed P.C. terminals are supplied as standard for these options.

V30

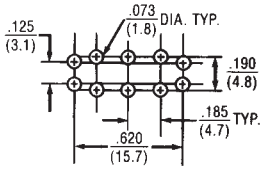








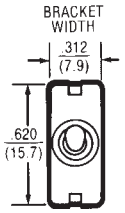
1 Pole P.C. Mounting

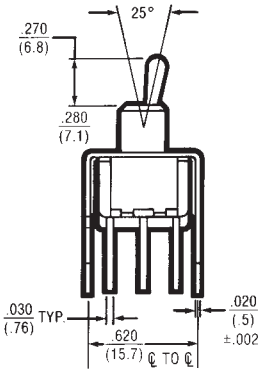


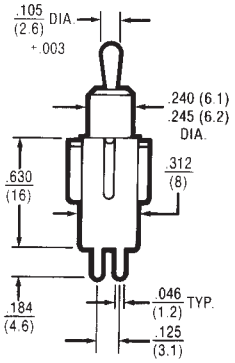
2 Pole P.C. Mounting

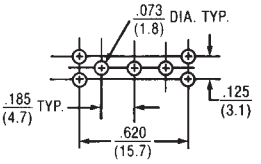
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS

V40

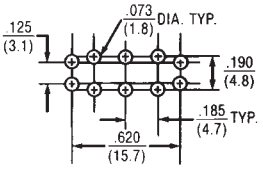








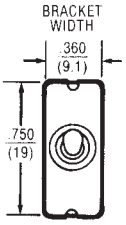
1 Pole P.C. Mounting

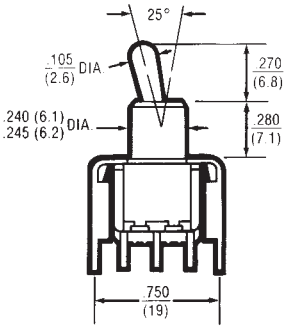


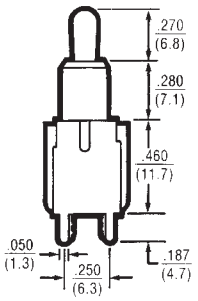
2 Pole P.C. Mounting

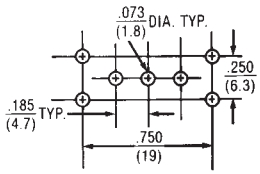
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS

V60

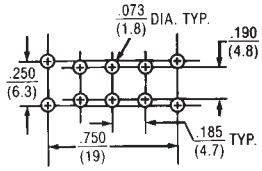








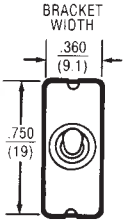
1 Pole P.C. Mounting

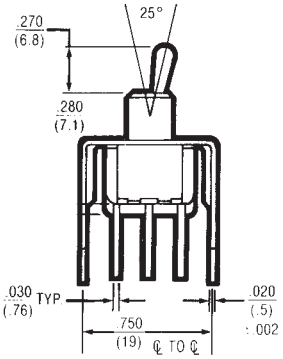


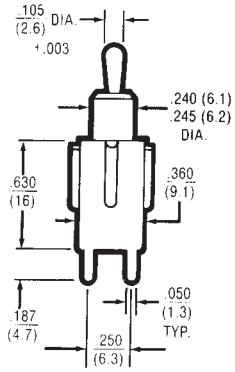
2 Pole P.C. Mounting

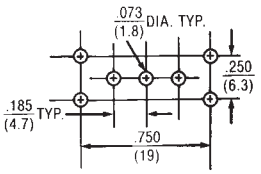
EPOXY SEALED P.C. TERMINALS ARE SUPPLIED AS STANDARD FOR THESE OPTIONS

V70

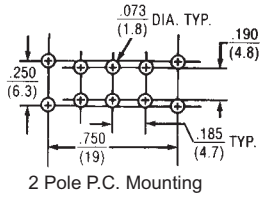








1 Pole P.C. Mounting



2 Pole P.C. Mounting

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

Ordering Table — Washable Toggle Switches

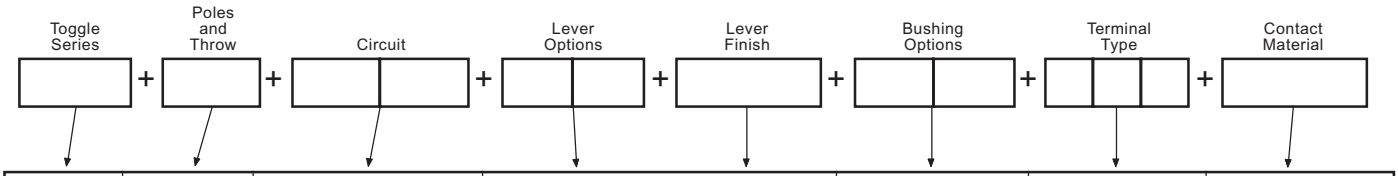
Designed to be wave soldered along with other Printed Circuit Board Components and withstand associated cleaning processes.

HOW TO ORDER YOUR DESIGN (**Bold** Face Type indicates items normally in Distributor Stock)

Following the table from left to right, the designer is able to specify the options wanted. The options are described and illustrated on The following pages.

To determine a part number select the options desired and fill in the boxes in the selection guides illustrated below.

WashableToggle Switch Selection Guide



Series		Poles and Throw		Circuits ❻				Lever Options and Finishes				Bushing Options		Terminal Options		Contact Material	
Type	Code	No.	Code	Keyway		POS. "C"	Code	Type	Code	Finish	Code	Type	Code	Type	Code	Type	Code
Toggle	WT	SPDT	1					.940 BAT.	L0	Bright Chrome	1	.250 Smooth	D1	Right Angle PC	A	Gold/Brass	B
		DPDT	2	ON	OFF	ON	21	.740 BAT.	L1	Black ❸	3	.280 Smooth	D9 ❷	Vertical PC .150 Spacing	AV2	Gold/Silver	G
				ON	NONE	ON	23	.650 BAT.	L2	Black Nylon ❹	4	.350 ❺ Threaded	Y ❼	PC Terminals	C	Coin/Silver	Q
				ON	NONE	ON*	26	Long Mod Cap	L3	Red Nylon ❹	5	.350 ❺ Smooth	Y9	PC & Support	V30	❽	K
				ON*	OFF	ON*	27	Short Mod Cap	L4	White Nylon ❹	6			.750 Wire Wrap	W	❽	L
				ON	OFF	ON*	31	.510 BAT.	S					.964 Wire Wrap	W1	❽	M
				ON	ON	ON	32 ❶	.300 BAT.	M					.425 Wire Wrap	W3		
				ON	ON	ON*	33 ❶							1.062 Wire Wrap	W4		
				ON*	ON	ON*	35 ❶							Solder Lug	Z		
														Quick Connect	Z3		

*Momentary Contact
❶ 2 Pole Only.
❷ Subtract .030 from lever length when using this bushing.
❸ Available on S and M lever options only.
❹ Available only with L3 and L4 lever options only.
❺ Subtract .100 from lever length when using these bushings.
❻ Refer to page 59 for construction detail, wiring and electrical diagrams.
❼ Not available on A, AV2, V30 terminal options.
❽ Same as B, G and Q respectively except terminals brass with tin nickel alloy over nickel plate. Consult plant for availability.

EXAMPLES:

WT123M1D9AB = SPDT toggle switch with an ON-NONE-ON circuit, .270" long lever (see note 2 above) with a bright chrome finish, .280" smooth bushing right angle P.C. terminals with gold/brass contacts.

WT232S1D1V30G = DPDT toggle switch with an ON-ON-ON circuit, .510" long lever with a bright chrome finish, .250" smooth bushing, P.C. terminals with support bracket and gold/silver contacts.

SPECIFICATIONS:

Contact Ratings —
Letter codes G and Q — 6 amp at 125 VAC, 3 amp @ 250 VAC (U.L. recognized, CSA certified) or 6 amp at 28 VDC resistive.
Letter codes B and G – 0.5 volt amp (VA) maximum @ 28 V maximum (AC or DC).

Life Under Load — 60,000 make-and-break cycles — resistive load only.

Initial Contact Resistance — 10 milliohms maximum 3 VDC, 100 ma for both silver and gold plated contacts.

Insulation Resistance — 1,000 megohms, min.

Dielectric Strength — 1,000 volts rms at sea level.

Operating Temperature — -30 degrees C to 85 degrees C.

MATERIALS:

Base & Bushing — Thermoplastic high temperature (UL 94V-O).

Lever (toggle) — Brass, chrome plated.

Support brackets — Brass or steel tin plated.

Switching Contacts and Rockers —
Letter Code B — gold/nickel/brass
Letter Code G — gold/nickel/silver
Letter Code Q — Coin silver

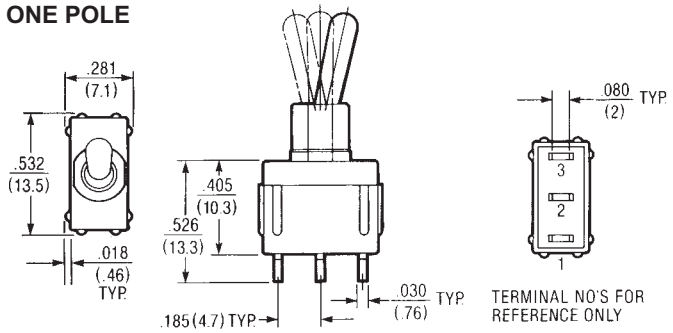
Center Terminal
Letter Codes B and G — Gold flash/nickel/brass
Letter Code Q — Silver plated brass.

Hardware — See pages 55-57.

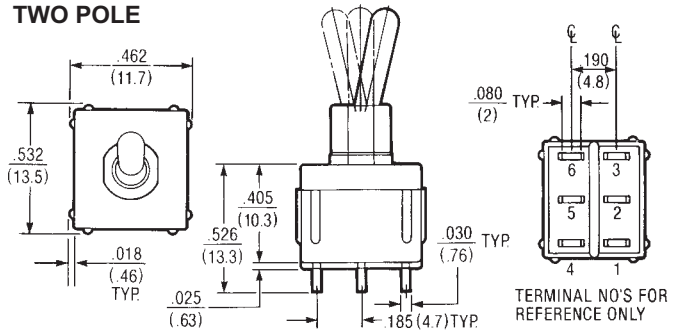
Washable Toggle Switches — Base Dimensions and Lever Options

APPROXIMATE BASE DIMENSIONS

ONE POLE

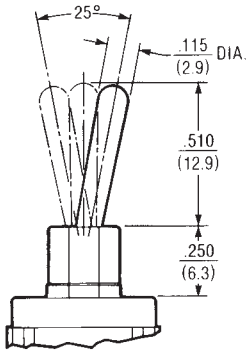


TWO POLE

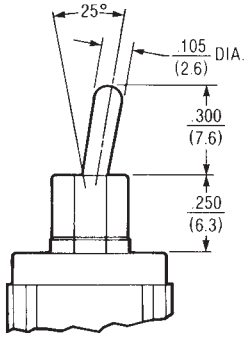


TOGGLE LEVER OPTIONS

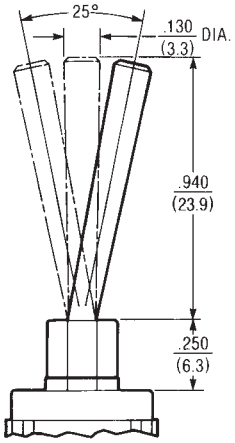
S Std. Bat. (.510")



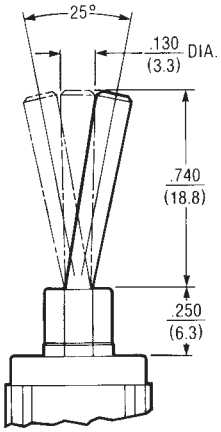
M Short (.300")



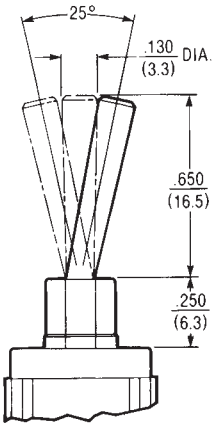
L0 Long (.940")



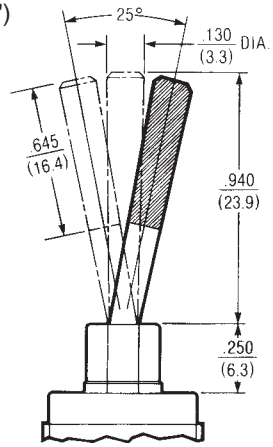
L1 Long (.740")



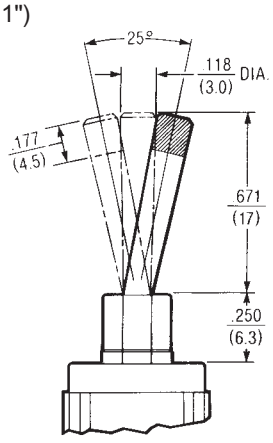
L2 Long (.650")



L3 Plastic (.940")

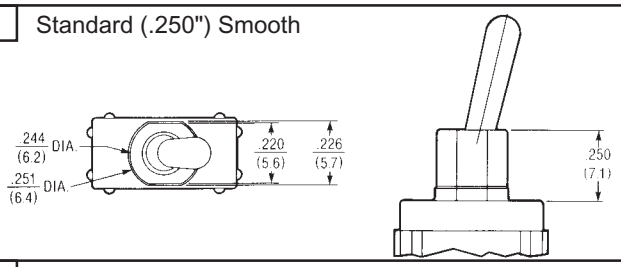


L4 Plastic (.671")

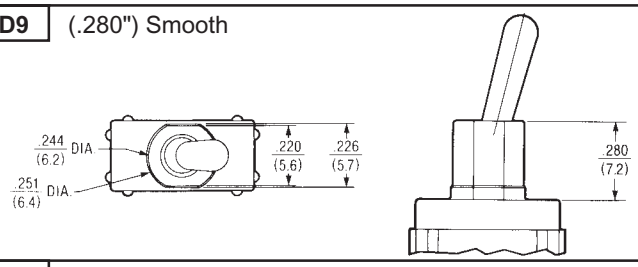


BUSHING OPTIONS

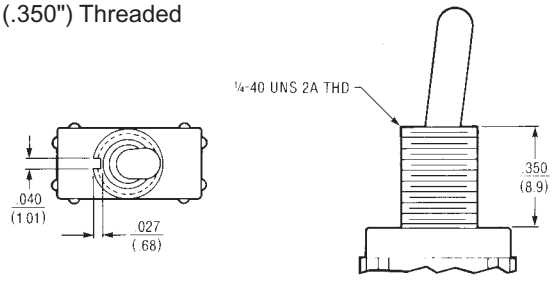
D1 Standard (.250") Smooth



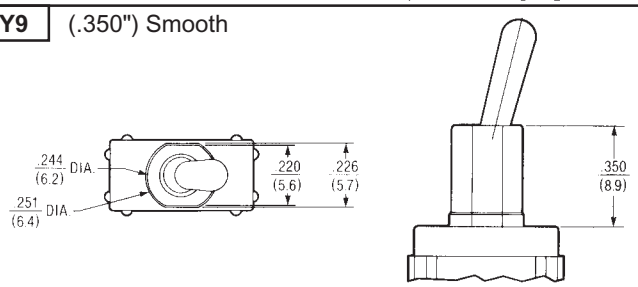
D9 (.280") Smooth



Y (.350") Threathed

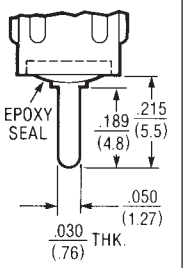


Y9 (.350") Smooth

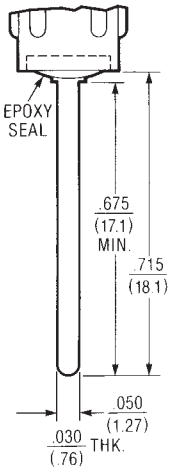


TERMINATION OPTIONS

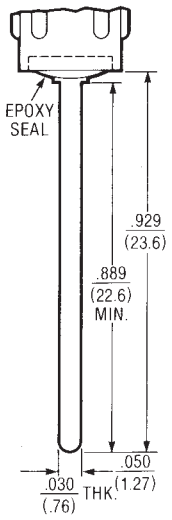
C Printed Circuit



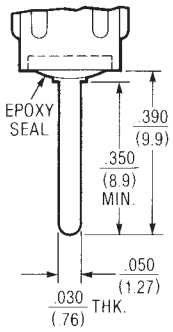
W Wire-Wrap



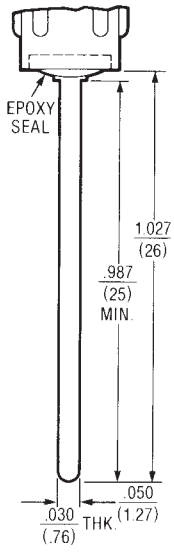
W1 Wire-Wrap



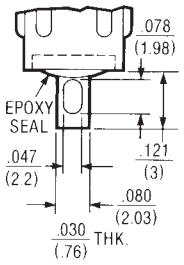
W3 Wire-Wrap



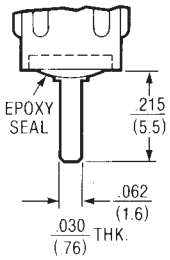
W4 Wire-Wrap



Z Standard



Z3 Quick Connect



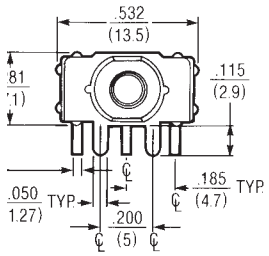
Mating Receptacle from AMP SPECIAL IND., P.O. Box 984, Paoli, Pa. 19301 Amp P/N single piece 61454 series, strip from 60900

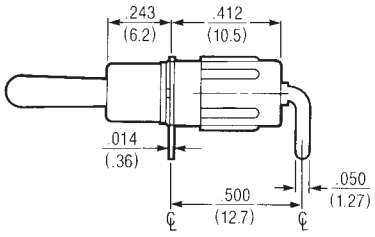
NOTE: Wire-Wrap is a registered trademark of the Gardner-Denver Company.

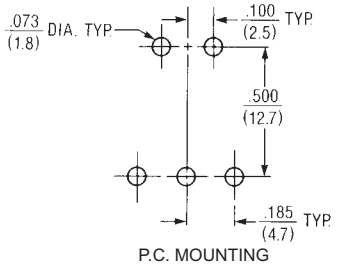
TERMINATION & MOUNTING OPTIONS

A

ONE POLE



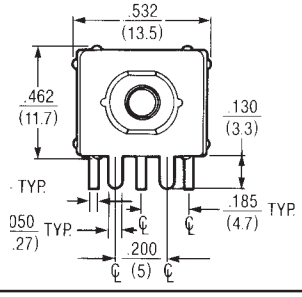


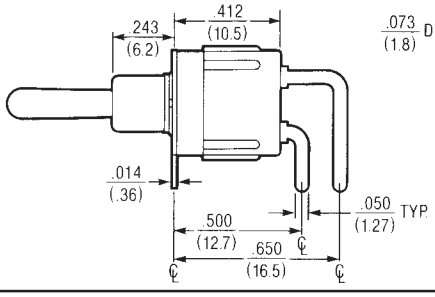


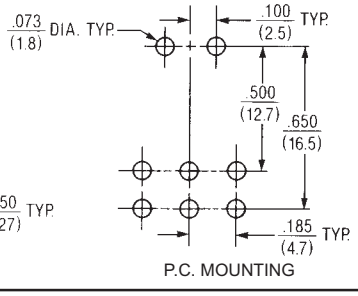
P.C. MOUNTING

A

TWO POLE





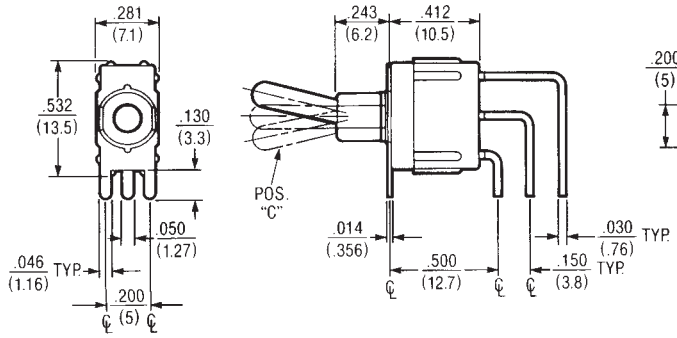


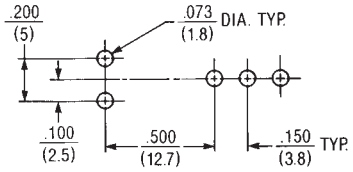
P.C. MOUNTING

TERMINATION & MOUNTING OPTIONS — Contd.

AV2

ONE POLE

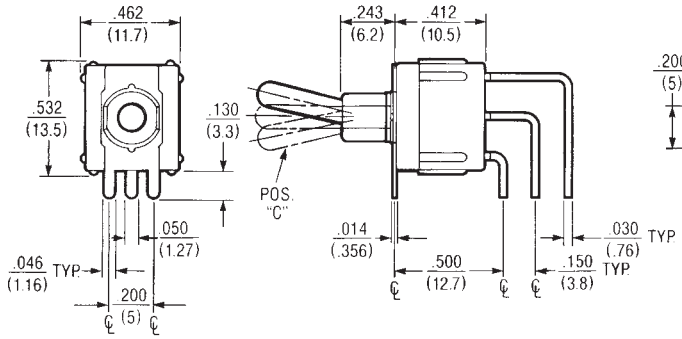


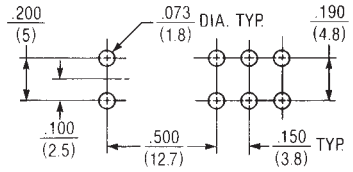


P.C. MOUNTING

AV2

TWO POLE

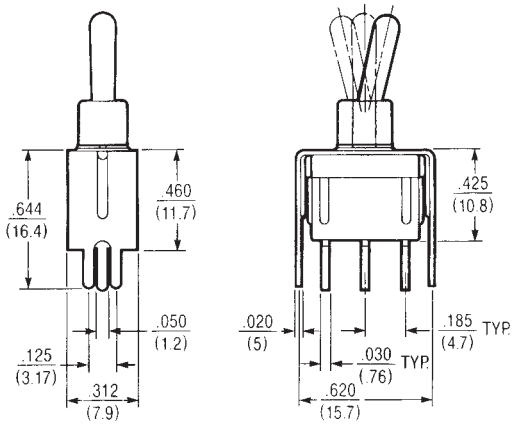


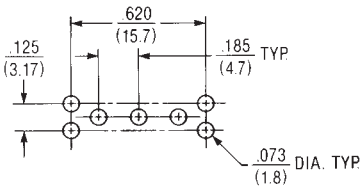


P.C. MOUNTING

V30

ONE POLE

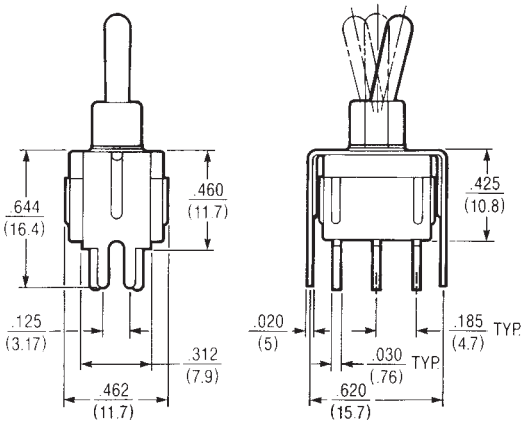


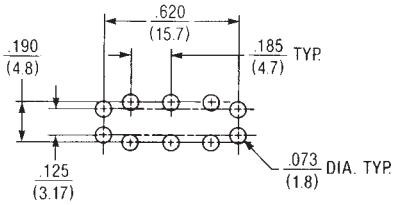


P.C. MOUNTING

V30

TWO POLE





P.C. MOUNTING

Sub-Miniature Toggle Switches for Printed Circuit Boards — Wave Solderable
Series T8000 PCB Toggle Switches

SPECIFICATIONS

- Mechanical life – 500,000 operations minimum
- Contact resistance – 25 milliohms maximum
- Dielectric strength – 1000 VAC rms
- Ambient temperature range – -20°C to +70°C
- Weight – 0.06 ounces (1.7 grams)
- Electrical life – 100,000 operations minimum
- Red nylon lever supplied as standard. Various colors are available. For information consult Electroswitch
- Contact material – Gold over nickel over silver over copper

CURRENT RATINGS

Type	Load	Nominal Rating, Amperes			
		6V dc	12V dc	28V dc	125V ac
T8101, T8201-T8207	Resistive	1	1	0.5	0.5

NOTE: For special .5 VA max. rating @ 28 VAC or DC contact Electroswitch.

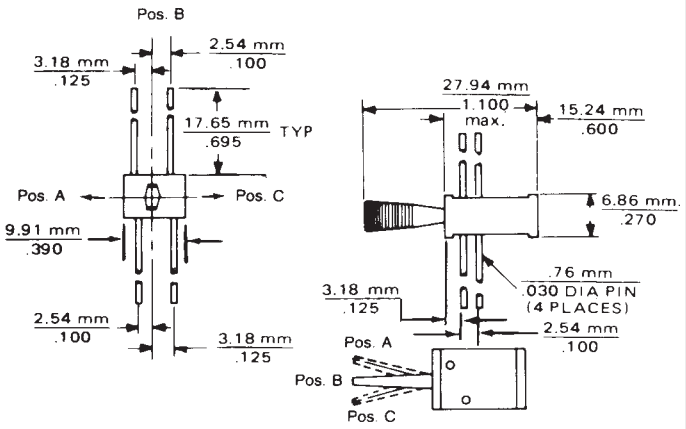
SELECTION TABLE (**Bold** Face Type indicates items normally in Distributor Stock)

Circuit With Lever In ❶			Poles & Throw	No. Of Positions	Catalog Number By Terminal Length	
Position A	Position B	Position C			0.695" (17.65 mm)	0.130" (3.30 mm)
ON	NONE	ON	2 Circ.	2	T8101	T8201
ON	NONE	ON*		2	T8102	T8202
ON*	NONE	ON		2	T8103	T8203
ON	OFF	ON*		3	T8104	T8204
ON*	OFF	ON		3	T8105	T8205
ON	OFF	ON		3	T8106	T8206
ON*	OFF	ON*		3	T8107	T8207

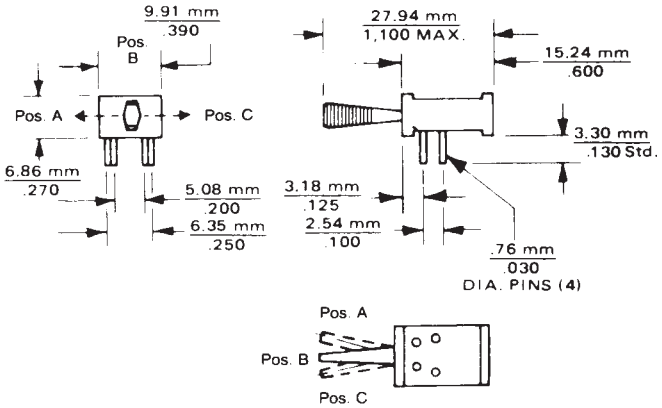
* Momentary Contact

APPROXIMATE DIMENSIONS

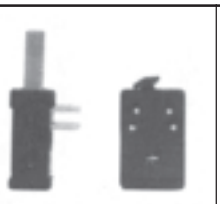
T8100 Series



T8200 Series



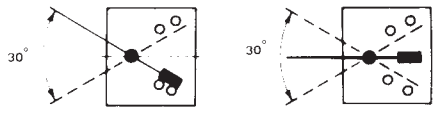
OPTIONS ❷



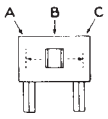
- Various lever styles and colors
- Terminal lengths

❷ For information on optional features consult Electroswitch.

Schematic — Toggle and Rocker PCB Switches



PADDLE OR ROCKER POSITION ❶



SWITCH VIEWED FROM TOGGLE END

CAUTION — MANUAL SWITCHES ARE AFFECTED BY HEAT, CLEANING SOLVENTS AND FLUX. EXTREME CARE SHOULD BE EXERCISED DURING HAND SOLDERING AND WAVE SOLDERING TO PREVENT SWITCH CONTAMINATION.

SPECIFICATIONS

- Originally designed to meet the requirements of MIL-S-83731 (see page 54 for Test Specifications).
- Sealed lever type with panel seal and terminal seal.
- Flatted bushing on sealed lever type.
- Solder lug or printed circuit terminals.
- Epoxy sealed terminals.
- One and two pole circuits.
- High electrical/mechanical reliability.
- Dry circuit current carrying ability.
- Toggle lever throw 25° ±5°.

MATERIAL

- **Base (body)** — Diallyl Phthalate.
- **Lever** — Brass, bright chrome plated.
- **Bushing** — Brass, nickel plated.
  Frame — Stainless steel.
- **Switching Contacts and Rockers** — 50 millionths gold over silver.
- **Center Terminal** — 50 millionths gold over silver.
- **Hardware** — Refer to hardware listing on page 57.

CURRENT RATINGS

Current Capacity in Amperes — Per Pole		
28 V DC	115 V AC 400 Hz	125 V AC 60 Hz
LAMP LOAD		
1	1	1
RESISTIVE LOAD		
5	5	5
INDUCTIVE LOAD		
2	2	2

LOGIC LEVEL

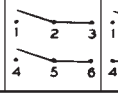
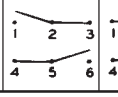
10 mA @ 5 V Max. (AC or DC)

SWITCH SELECTION TABLE — SEALED

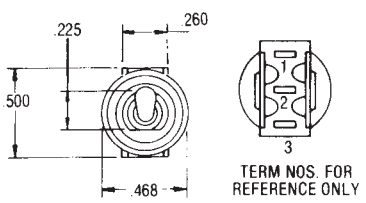
Circuit With Lever			Catalog Number	
UP Position	CENTER Position	DOWN Position (Flat)	Solder Lug Terminals	Printed Circuit Terminals
ONE POLE				
ON	OFF	ON	A121S1CWZG-M8	A121S1CWCG-M8
ON	NONE	ON	A123S1CWZG-M8	A123S1CWCG-M8
ON	NONE	ON*	A126S1CWZG-M8	A126S1CWCG-M8
ON*	OFF	ON*	A127S1CWZG-M8	A127S1CWCG-M8
ON	OFF	ON*	A131S1CWZG-M8	A131S1CWCG-M8
NONE	ON	ON*	A137S1CWZG-M8	A137S1CWCG-M8
TWO POLE				
ON	OFF	ON	A221S1CWZG-M8	A221S1CWCG-M8
ON	NONE	ON	A223S1CWZG-M8	A223S1CWCG-M8
ON	NONE	ON*	A226S1CWZG-M8	A226S1CWCG-M8
ON*	OFF	ON*	A227S1CWZG-M8	A227S1CWCG-M8
ON	OFF	ON*	A231S1CWZG-M8	A231S1CWCG-M8
ON	ON	ON	A232S1CWZG-M8	A232S1CWCG-M8
ON	ON	ON*	A233S1CWZG-M8	A233S1CWCG-M8
NONE	ON	ON*	A234S1CWZG-M8	A234S1CWCG-M8
ON*	ON	ON*	A235S1CWZG-M8	A235S1CWCG-M8

* Momentary Contact

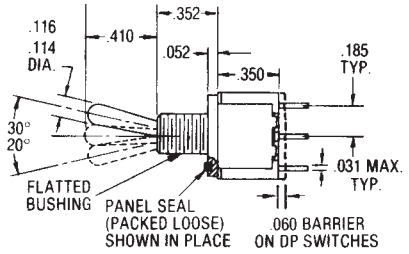
"ON-ON-ON" CIRCUIT DIAGRAM

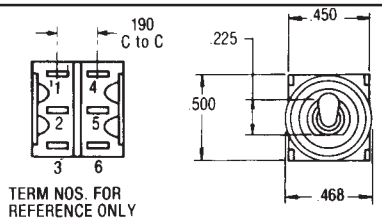
No. of Poles	Up Position	Center Maintained Position	Down Position (Keyway)
2			

APPROXIMATE DIMENSIONS



SINGLE POLE

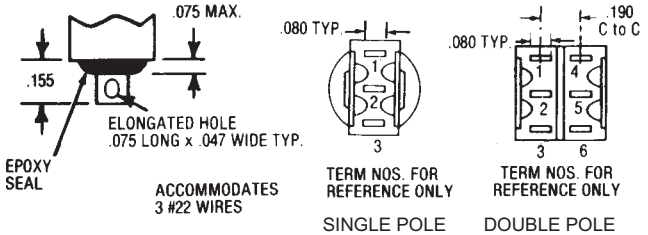




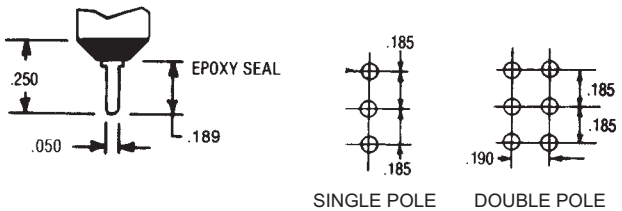
DOUBLE POLE

TERMINAL DIMENSIONS

SOLDERING TERMINALS



PRINTED CIRCUIT TERMINALS



Commercial Miniature Leverlock Toggle Switches — Unsealed

SPECIFICATIONS

- One hole mounting.
- Originally designed to meet the requirements of MIL-S-83731 (see page 54 for Test Specifications).
- Slow make, slow break contact action.
- High electrical/mechanical reliability.
- Toggle lever throw 25° ±5°.
- Solder lug or printed circuit terminals.
- One and two pole circuits.
- Dry circuit current carrying ability.
- Mounting hardware furnished unassembled

MATERIAL

- **Base (body)** — Diallyl Phthalate.
- **Locking lever** — Brass, nickel plated. **Cap** — natural adnodized aluminum supplied as standard; other colors such as red, blue, gold, black and green are also available.
- **Bushing** — Brass, nickel plated. **Frame** — Stainless steel.
- **Switching Contacts and Rockers** — 50 millionths gold over silver.
- **Center Terminal** — 50 millionths gold over silver.
- **Hardware** — Refer to hardware listing on page 57.

CURRENT RATINGS

Current Capacity in Amperes — Per Pole		
28 V DC	115 V AC 400 Hz	125 V AC 60 Hz
LAMP LOAD		
1	1	1
RESISTIVE LOAD		
5	5	5
INDUCTIVE LOAD		
2	2	2

LOGIC LEVEL

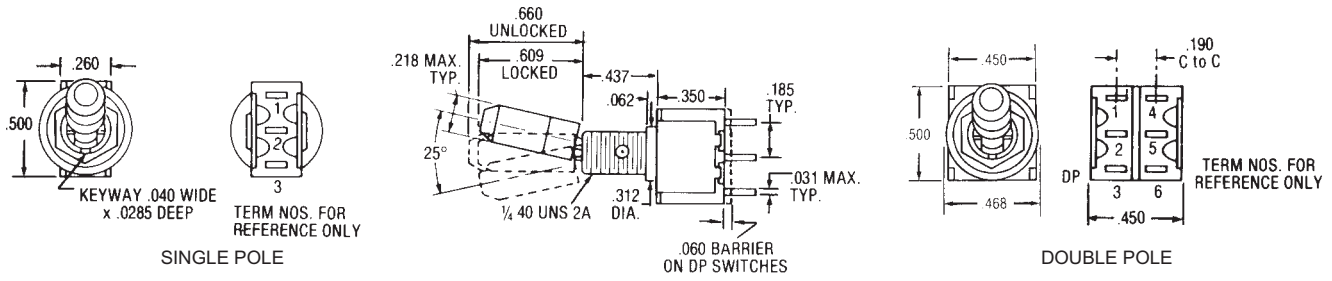
10 mA @ 5 V Max. (AC or DC)

LEVER LOCK SELECTION TABLE

Standard Cap Style	Circuit With Lever: UP Position	CENTER Position	DOWN Position (Keyway)	Lever Lock Bushing Style	Catalog Number: Solder Lug Terminals	Printed Circuit Terminals
	ONE POLE					
SPDT	ON ▶	◀ OFF ▶	◀ ON	1	A121K12KZG-M8	A121K12KCG-M8
	ON ▶	NONE	◀ ON	2	A123K12KZG-M8	A123K12KCG-M8
	ON ▶	NONE	ON*	3	A126K12KZG-M8	A126K12KCG-M8
	ON*	◀ OFF ▶	ON*	4	A127K12KZG-M8	A127K12KCG-M8
	ON ▶	◀ OFF ▶	ON*	5	A131K12KZG-M8	A131K12KCG-M8
	TWO POLE					
DPDT	ON ▶	◀ OFF ▶	◀ ON	1	A221K12KZG-M8	A221K12KCG-M8
	ON ▶	NONE	◀ ON	2	A223K12KZG-M8	A223K12KCG-M8
	ON ▶	NONE	ON*	3	A226K12KZG-M8	A226K12KCG-M8
	ON*	◀ OFF ▶	ON*	4	A227K12KZG-M8	A227K12KCG-M8
	ON ▶	◀ OFF ▶	ON*	5	A231K12KZG-M8	A231K12KCG-M8
	ON ▶	◀ ON ▶	◀ ON	1	A232K12KZG-M8	A232K12KCG-M8

* Momentary Contact
▶ Indicates direction against which lever is locked.

APPROXIMATE DIMENSIONS (For terminal dimensions see page 49)

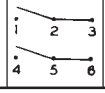
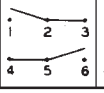


LEVER LOCK BUSHING STYLES

(The descriptive illustrations below are for pictorial representation only — keyway on right hand side)

STYLE 1	STYLE 2	STYLE 3	STYLE 4	STYLE 5
Locked In Three Positions	Locked Out Of Center Position	Locked Into Side Opposite Keyway — Momentary Keyway Side	Locked In Center Position — Momentary Either Side	Locked In Center Position — Momentary Keyway Side

"ON-ON-ON" CIRCUIT DIAGRAM

No. of Poles	Up Position	Center Maintained Position	Down Position (Keyway)
2			

Commercial Miniature Toggle Switches
Right Angle Mount (Vertical) P.C. Terminals

SPECIFICATIONS

- Originally designed to meet the requirements of MIL-S-83731 (see page 54 for Test Specifications).
- Sealed lever type with panel seal and terminal seal.
- Right angle mount (vertical) printed circuit terminals.
- Epoxy sealed printed circuit terminals.
- One and two pole circuits.
- High electrical/mechanical reliability.
- Dry circuit current carrying ability.
- Toggle lever throw 25° ±5°.

MATERIAL

- **Base (body)** — Diallyl Phthalate.
- **Lever** — Brass, bright chrome plated.
- **Bushing** — Brass, nickel plated.
  Frame — Stainless steel.
- **Switching Contacts and Rockers** — 50 millionths gold over silver.
- **Center Terminal** — 50 millionths gold over silver.
- **Hardware** — None required.

CURRENT RATINGS

Current Capacity in Amperes — Per Pole		
28 V DC	115 V AC 400 Hz	125 V AC 60 Hz
LAMP LOAD		
1	1	1
RESISTIVE LOAD		
5	5	5
INDUCTIVE LOAD		
2	2	2

LOGIC LEVEL

10 mA @ 5 V Max. (AC or DC)

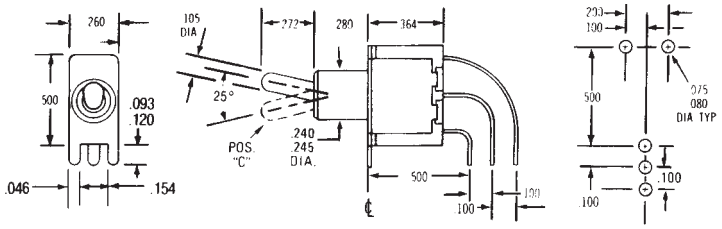
SWITCH SELECTION TABLE — SEALED

	Circuit With Lever In…			
	UP Position	CENTER Position	DOWN Position (Position C)	Catalog Number
SPDT	ONE POLE			
	ON	OFF	ON	A121M1D9AVG-M8
	ON	NONE	ON	A123M1D9AVG-M8
	ON	NONE	ON*	A126M1D9AVG-M8
	ON*	OFF	ON*	A127M1D9AVG-M8
	ON	OFF	ON*	A131M1D9AVG-M8
	NONE	ON	ON*	A134M1D9AVG-M8
DPDT	TWO POLE			
	ON	OFF	ON	A221M1D9AVG-M8
	ON	NONE	ON	A223M1D9AVG-M8
	ON	NONE	ON*	A226M1D9AVG-M8
	ON*	OFF	ON*	A227M1D9AVG-M8
	ON	OFF	ON*	A231M1D9AVG-M8
	ON	ON	ON	A232M1D9AVG-M8
	ON	ON	ON*	A233M1D9AVG-M8
	NONE	ON	ON*	A234M1D9AVG-M8
	ON*	ON	ON*	A235M1D9AVG-M8

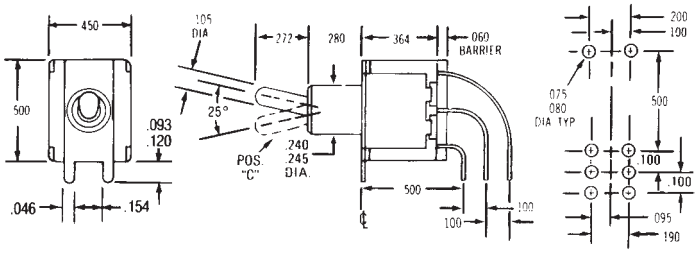
* Momentary Contact

APPROXIMATE DIMENSIONS

SPDT

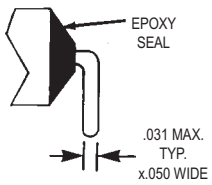


DPDT

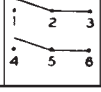
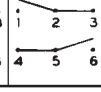
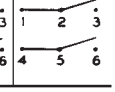


TERMINAL DIMENSIONS

Right Angle P.C. Terminal



"ON-ON-ON" CIRCUIT DIAGRAM

No. of Poles	Up Position	Center Maintained Position	Down Position (Position C)
2			

Commercial Miniature Toggle Switches
Right Angle Mount (Horizontal) P.C. Terminals

SPECIFICATIONS

- Originally designed to meet the requirements of MIL-S-83731 (see page 54 for Test Specifications).
- Sealed lever type with terminal seal.
- Right angle mount (horizontal) printed circuit terminals.
- Epoxy sealed printed circuit terminals.
- One and two pole circuits.
- High electrical/mechanical reliability.
- Dry circuit current carrying ability.
- Toggle lever throw 25° ±5°.

MATERIAL

- **Base (body)** — Diallyl Phthalate.
- **Lever** — Brass, bright chrome plated.
- **Bushing** — Brass, nickel plated.
  Frame — Stainless steel.
- **Switching Contacts and Rockers** — 50 millionths gold over silver.
- **Center Terminal** — 50 millionths gold over silver.
- **Hardware** — None required.

CURRENT RATINGS

Current Capacity in Amperes — Per Pole		
28 V DC	115 V AC 400 Hz	125 V AC 60 Hz
LAMP LOAD		
1	1	1
RESISTIVE LOAD		
5	5	5
INDUCTIVE LOAD		
2	2	2

LOGIC LEVEL

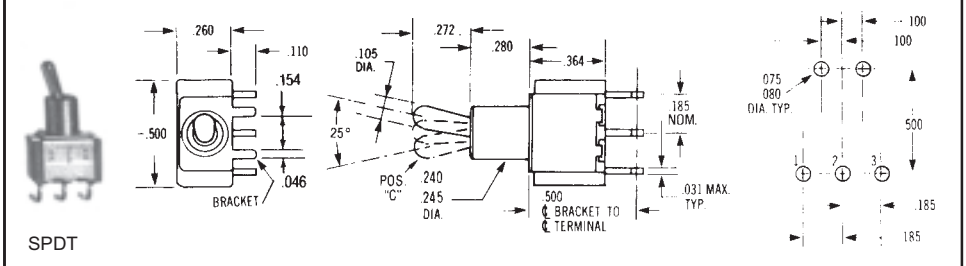
10 mA @ 5 V Max. (AC or DC)

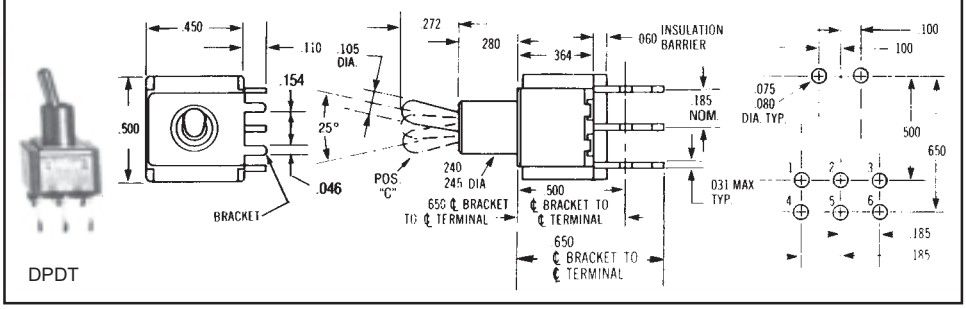
SWITCH SELECTION TABLE — SEALED

	Circuit With Lever In…			
	UP Position	CENTER Position	DOWN Position (Position C)	Catalog Number
SPDT	ONE POLE			
	ON	OFF	ON	A121M1D9AG-M8
	ON	NONE	ON	A123M1D9AG-M8
	ON	NONE	ON*	A126M1D9AG-M8
	ON*	OFF	ON*	A127M1D9AG-M8
	ON	OFF	ON*	A131M1D9AG-M8
	NONE	ON	ON*	A134M1D9AG-M8
DPDT	TWO POLE			
	ON	OFF	ON	A221M1D9AG-M8
	ON	NONE	ON	A223M1D9AG-M8
	ON	NONE	ON*	A226M1D9AG-M8
	ON*	OFF	ON*	A227M1D9AG-M8
	ON	OFF	ON*	A231M1D9AG-M8
	ON	ON	ON	A232M1D9AG-M8
	ON	ON	ON*	A233M1D9AG-M8
	NONE	ON	ON*	A234M1D9AG-M8
	ON*	ON	ON*	A235M1D9AG-M8

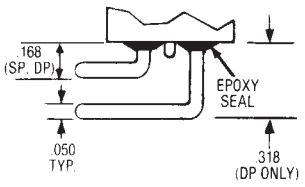
* Momentary Contact

APPROXIMATE DIMENSIONS





TERMINAL DIMENSIONS



"ON-ON-ON" CIRCUIT DIAGRAM

No. of Poles	Up Position	Center Maintained Position	Down Position (Position C)
2			

Commercial Miniature Toggle Switches – New Four Pole

SPECIFICATIONS

- Originally designed to meet the requirements of MIL-S-83731 (see page 54 for Test Specifications).
- Sealed lever type with panel seal and terminal seal.
- Flatted bushing on sealed lever type.
- Solder lug or printed circuit terminals.
- Epoxy sealed terminals.
- One and two pole circuits.
- High electrical/mechanical reliability.
- Dry circuit current carrying ability.
- Toggle lever throw 25° ±5°.

MATERIAL

- **Base (body)** — Diallyl Phthalate.
- **Lever** — Brass, bright chrome plated.
- **Locking Lever** — Brass, nickel plated. **Cap** — natural anodized aluminum supplied as standard; other colors such as red, blue, gold, black and green are also available.
- **Bushing** — Brass, nickel plated. **Frame** — Stainless steel.
- **Switching Contacts and Rockers** — 50 millionths gold over silver.
- **Center Terminal** — 50 millionths gold over silver.
- **Hardware** — Refer to hardware listing on page 57.

CURRENT RATINGS

Current Capacity in Amperes — Per Pole		
28 V DC	115 V AC 400 Hz	125 V AC 60 Hz
LAMP LOAD		
1	1	1
RESISTIVE LOAD		
5	5	5
INDUCTIVE LOAD		
2	2	2

LOGIC LEVEL

10 mA @ 5 V Max. (AC or DC)

SWITCH SELECTION TABLE — SEALED

4-PDT

Circuit With Lever In…			Catalog Number	
UP Position	CENTER Position	DOWN Position (Flat)	Solder Lug Terminals	Printed Circuit Terminals
ON	OFF	ON	A421S1CWZG-M8	A421S1CWCG-M8
ON	NONE	ON	A423S1CWZG-M8	A423S1CWCG-M8
ON	NONE	ON*	A426S1CWZG-M8	A426S1CWCG-M8
ON*	OFF	ON*	A427S1CWZG-M8	A427S1CWCG-M8
ON	OFF	ON*	A431S1CWZG-M8	A431S1CWCG-M8
ON	ON	ON	A432S1CWZG-M8	A432S1CWCG-M8
ON	ON	ON*	A433S1CWZG-M8	A433S1CWCG-M8
NONE	ON	ON*	A434S1CWZG-M8	A434S1CWCG-M8
ON*	ON	ON*	A435S1CWZG-M8	A435S1CWCG-M8

* Momentary Contact

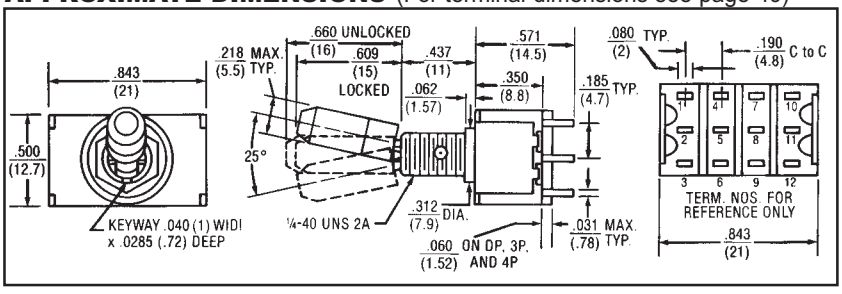
LEVER LOCK SELECTION TABLE — UNSEALED

FOUR POLE

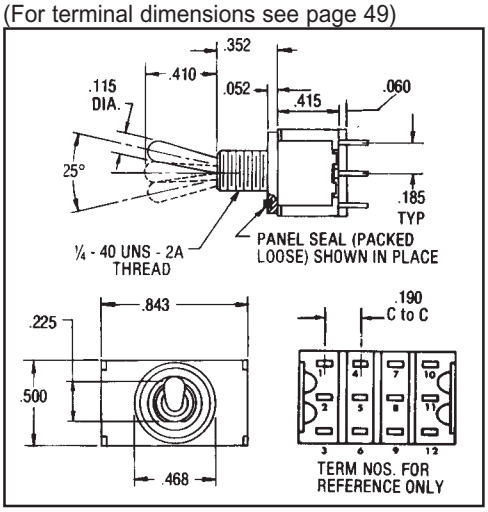
Standard Cap Style	Circuit With Lever In…				Catalog Number	
	UP Position	CENTER Position	DOWN Position (Keyway)	Lever Lock Bushing Style	Solder Lug Terminals	Printed Circuit Terminals
	ON ▶	◀ OFF ▶	◀ ON	1	A421K12KZG-M8	A421K12KCG-M8
	ON ▶	NONE	◀ ON	2	A423K12KZG-M8	A423K12KCG-M8
	ON ▶	NONE	ON*	3	A426K12KZG-M8	A426K12KCG-M8
	ON*	◀ OFF ▶	ON*	4	A427K12KZG-M8	A427K12KCG-M8
	ON ▶	◀ OFF ▶	ON*	5	A431K12KZG-M8	A431K12KCG-M8
	ON ▶	◀ ON ▶	◀ ON	1	A432K12KZG-M8	A432K12KCG-M8

* Momentary Contact
▶ Indicates direction against which lever is locked.

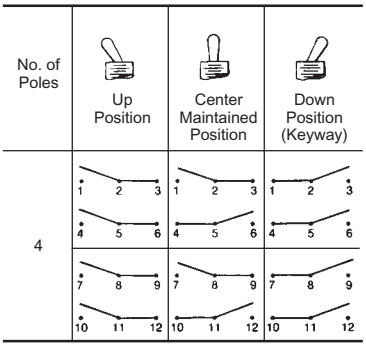
APPROXIMATE DIMENSIONS (For terminal dimensions see page 49)



APPROXIMATE DIMENSIONS (For terminal dimensions see page 49)



"ON-ON-ON" CIRCUIT DIAGRAM



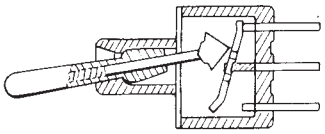
NOTE: FOR LEVER LOCK BUSHING STYLES SEE PAGE 50.

"A" Series Originally Designed To Meet the Following MIL Specifications

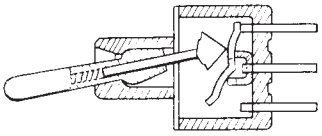
Test Requirement	MIL Specification
1. Strength of Terminal	1 lb. — solder lug
2. Strength of Actuating Lever Pivot and Stop	10 lbs. & 8 lbs. throughout range
3. Strength of Mounting Means	15 lbs. in. torque on bushing
4. Dielectric (Sea Level) Indication Dielectric (Altitude)	1000 VAC Group C 750 VAC after electrical endurance. 500 μA max. leakage
5. Contact Voltage Drop	2.5 millivolt initial 5.0 millivolt after mechanical endurance @ 2-6 VDC 0.1 amp.
6. Temperature Rise	50°C rise @ rated resistance after endurance test current
7. Short Circuit	10 operations make and carry 100 amps resistive load @ lowest DC volts
8. Mechanical Life	20K operations at specified high and low temperatures
9. Electrical Endurance	10K operations at specified high and low temperatures
10. Overload	50 operations @ 150% of rated resistive load
11. A) Electrical Endurance at Altitude	No requirement
B) Electrical Endurance at Sea Level	10K operations resistive load @ room temperature 10K operations inductive load @ room temperature 10K operations lamp load @ room temperature Performed on different test samples
12. Vibration	Method 204 of MIL-STD-202, test condition A .06 D.A. or 10 G's 10-500 Hz 10 usec. max. chatter
13. Shock	Fuse-method 213 or MIL-STD @75 G's 10 usec. max, chatter
14. Salt Spray Test Upon Completion	48 hours — method 101 of MIL-STD-202, test condition B 10 operations resistive load (toggle sealed switches only)
15. Moisture Resistance Test Upon Completion	Method 106 of MIL-STD-202 100 VDC potential between current carrying parts and panel
16. Sand & Dust	Method 110 of MIL-STD-202, test condition B 6 hours @ 23°C 2.5K operations mechanical life (toggle sealed switches only)
17. Explosion	MIL-STD-202 method 109, maximum rated DC inductive load (toggle sealed switches only)
18. Sealing	Toggle seal — 5 operations under 0.5 inches of H_2O above top of bushing
19. A) Toggle Seal B) Bushing Seal	No requirement
20. Temperature Operation	Mechanical life, -25°C to +71°C
21. Life Low Cur. Level	No requirement
22. Fungus	No requirement
23. Intermediate Current	10K operations, 50 milliamps @ 10 VDC resistive load @ 20,000 feet altitude @ room temperature
24. Thermal Shock	Method 107 of MIL-STD-202 test condition A 5 cycles @ -55°C/+85°C

Construction Detail Wiring and Electrical Diagrams for Standard Miniature Switches

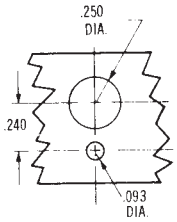
CONSTRUCTION DETAIL



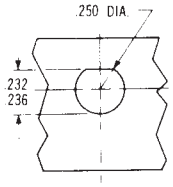
2 POSITION on-none-on



3 POSITION on-off-on

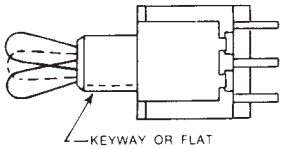


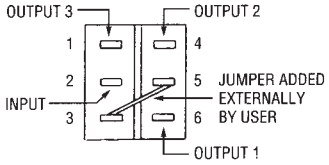
For 1/4" Bushing and Standard Locking Ring



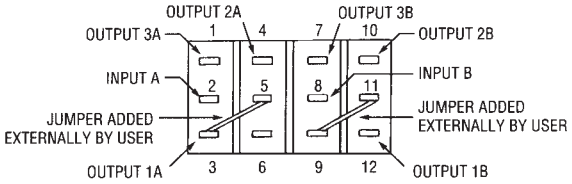
For 1/4" Flatted Bushing

WIRING FOR 3 POSITION CONVERSION





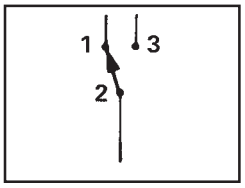
Single Pole Using Double Pole Switch
(For 232, 233 and 235 Circuits)



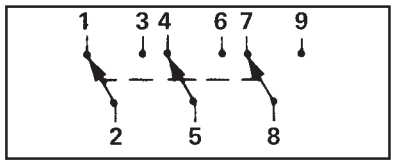
Double Pole Using Four Pole Switch
(For 432, 433 and 435 Circuits)

TOGGLE UP	Output 1	Output 1A, 1B
TOGGLE CENTER	Output 2	Output 2A, 2B
TOGGLE DOWN (Keyway or Flat)	Output 3	Output 3A, 3B

ELECTRICAL DIAGRAMS

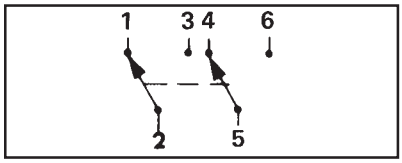


SP



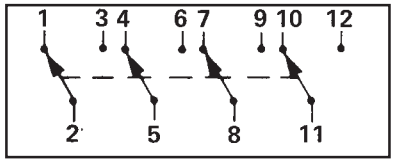
3-P

ALL EXCEPT 232, 233, 235 **Note A**



DP

ALL EXCEPT 432, 433, 435 **Note B**



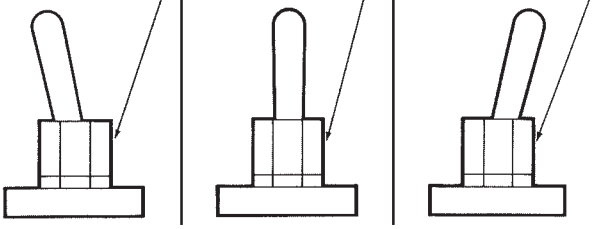
3-P

NOTES

NOTE A: Circuitry	LEVER LEFT	CENTER	RIGHT (KEYWAY)	NOTE B: Circuitry	LEVER LEFT	CENTER	RIGHT (KEYWAY)
232	2-3 On 5-6	2-3 On 4-5	1-2 On 4-5	432	2-3-8-9 On 5-6-11-12	2-3-8-9 On 4-5-10-11	1-2-7-8 On 4-5-10-11
233	2-3 On 5-6	2-3 On 4-5	1-2 On* 4-5	433	2-3-8-9 On 5-6-11-12	2-3-8-9 On 4-5-10-11	1-2-7-8 On* 4-5-10-11
235	2-3 On* 5-6	2-3 On 4-5	1-2 On* 4-5	435	2-3-8-9 On* 5-6-11-12	2-3-8-9 On 4-5-10-11	1-2-7-8 On* 4-5-10-11

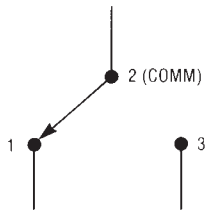
Other configurations available on special order.

Circuit Diagrams for Washable Miniature Switches

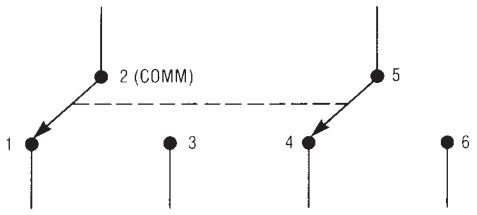
CIRCUIT CODE	SWITCHING FUNCTION POS 1	POS 2	POS 3
	KEYWAY "Y" OPTION		
			
	STAMPING THIS SIDE		
SINGLE POLE			
121	ON	OFF	ON
123	ON	NONE	ON
126	ON	NONE	MOM
127	MOM	OFF	MOM
131	ON	OFF	MOM
TERMINAL CONNECTIONS	2 - 3	OPEN	2 - 1
DOUBLE POLE			
221	ON	OFF	ON
223	ON	NONE	ON
226	ON	NONE	MOM
227	MOM	OFF	MOM
231	ON	OFF	MOM
TERMINAL CONNECTIONS	2 - 3 5 - 6	OPEN	2 - 1 5 - 4
SP3T			
232	ON	ON	ON
233	ON	ON	MOM
235	MOM	ON	MOM
TERMINAL CONNECTIONS	2 - 3 5 - 6	2 - 3 5 - 4	2 - 1 5 - 4

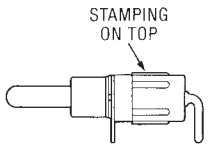
Schematics:

S.P.

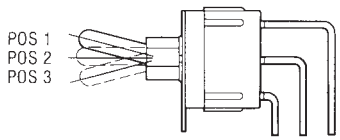


D.P.



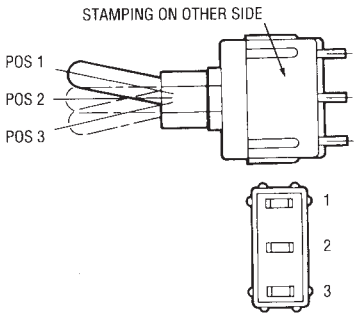


A TERMINALS

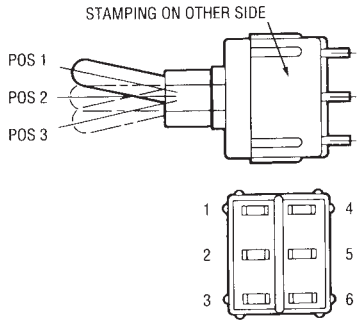


AV2 TERMINALS

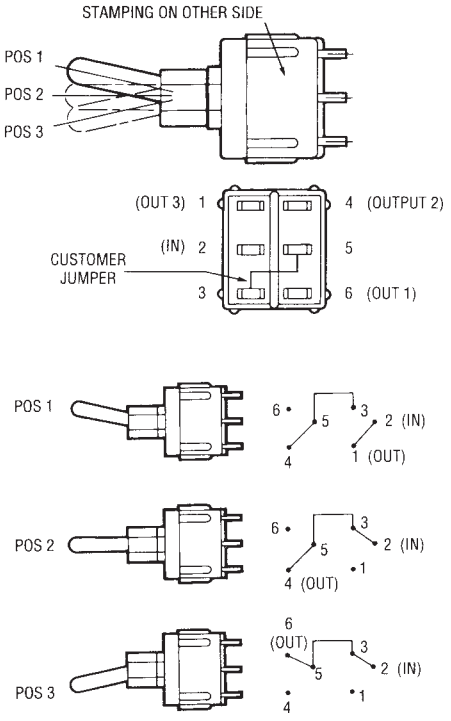
Single Pole



Double Pole



SP3T



CrossReference

FORMER EATON (JBT) PART NUMBER TO ELECTROSWITCH PART NUMBER*

Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.
FH-121	A121P32YZQ	LFH-227	A227P32Y5ZQ	MP2-235	B235J21ZQ22M	MP7-127	B127J60ZQ2
123	A123P32YZQ	231	A231P32Y5ZQ	321	B321J21ZQ22M	131	B131J60ZQ2
126	A126P32YZQ	232	A232P32Y5ZQ	323	B323J21ZQ22M	221	B221J60ZQ2
127	A127P32YZQ	233	A233P32Y5ZQ	327	B327J21ZQ22M	223	B223J60ZQ2
131	A131P32YZQ	234	A234P32Y5ZQ	331	B331J21ZQ22M	226	B226J60ZQ2
FH-134	A134P32YZQ	LFH-235	A235P32Y5ZQ	MP2-421	B421J21ZQ22M	MP7-227	B237J60ZQ2
221	A221P32YZQ	321	A321P32Y5ZQ	423	B423J21ZQ22M	231	B231J60ZQ2
223	A223P32YZQ	323	A323P32Y5ZQ	427	B427J21ZQ22M	232	B232JB0ZQ2
226	A226P32YZQ	327	A327P32Y5ZQ	431	B431J21ZQ22M	233	B233J60ZQ2
227	A227P32YZQ	331	A331P32Y5ZQ	432	B432J21ZQ22M	235	B235J60ZQ2
FH-231	A231P32YZQ	LFH-334	A334P32Y5ZQ	MP2-433	B433J21ZQ22M	MPC-121	A121S1YCQ
232	A232P32YZQ	421	A421P32Y5ZQ	435	B435J21ZQ22M	123	A123S1YCQ
233	A233P32YZQ	423	A423P32Y5ZQ	MP4-121	B121J5ZQ2	126	A126S1YCQ
234	A234P32YZQ	427	A427P32Y5ZQ	123	B123J5ZQ2	127	A127S1YCQ
235	A235P32YZQ	431	A431P32Y5ZQ	126	B126J5ZQ2	131	A131S1YCQ
FH-321	A321P32YZQ	LFH-432	A432P32Y5ZQ	MP4-127	B127J5ZQ2	MPC-134	A134S1YCQ
323	A323P32YZQ	433	A433P32Y5ZQ	131	B131J5ZQ2	221	A221S1YCQ
327	A327P32YZQ	434	A434P32Y5ZQ	221	B221J52Q2	223	A223S1YCQ
331	A331P32YZQ	435	A435P32Y5ZQ	223	B223J5ZQ2	226	A226S1YCQ
334	A334P32YZQ	LL-121	A121K12KZQ	226	B226J5ZQ2	227	A227S1YCQ
FH-421	A421P32YZQ	LL-123	A123K12KZQ	MP4-227	B227J5ZQ2	MPC-231	A231S1YCQ
423	A423P32YZQ	221	A221K12KZQ	231	B231J5ZQ2	232	A232S1YCQ
427	A427P32YZQ	223	A223K12KZQ	232	B232J5ZQ2	233	A233S1YCQ
431	A431P32YZQ	232	A232K12KZQ	233	B223J5ZQ2	234	A234S1YCQ
432	A432P32YZQ	321	A321K12KZQ	235	B235J5ZQ2	235	A235S1YCQ
FH-433	A433P32YZQ	LL-323	A323K12KZQ	MP4-321	B321J5ZQ2	MPC-321	A321S1YCQ
434	A434P32YZQ	421	A421K12KZQ	323	B323J5ZQ2	323	A323S1YCQ
435	A435P32YZQ	423	A423K12KZQ	327	B327J5ZQ2	327	A327S1YCQ
JMT-121	A121S1YZQ	432	A432K12KZQ	331	B331J5ZQ2	331	A331S1YCQ
123	A123S1YZQ	MP1-121	B121J2ZQ2	421	B421J5ZQ2	334	A334S1YCQ
JMT-126	A126S1YZQ	MP1-123	B123J2ZQ2	MP4-423	B423J5ZQ2	MPC-421	A421S1YCQ
127	A127S1YZQ	126	B126J2ZQ2	427	B427J5ZQ2	423	A423S1YCQ
131	A131S1YZQ	127	B127J2ZQ2	431	B431J5ZQ2	427	A427S1YCQ
134	A134S1YZQ	131	B131J2ZQ2	432	B432J5ZQ2	431	A431S1YCQ
221	A221S1YZQ	221	B221J2ZQ2	433	B433J5ZQ2	432	A432S1YCQ
JMT-223	A223S1YZQ	MP1-223	B223J2ZQ2	MP4-435	B435J5ZQ2	MPC-433	A433S1YCQ
226	A226S1YZQ	226	B226J2ZQ2	MPS-121	B121J72V3B2	434	A434S1YCQ
227	A227S1YZQ	227	B227J2ZQ2	123	B123J72V3B2	435	A435S1YCQ
231	A231S1YZQ	231	B231J2ZQ2	126	B126J72V3B2	MR1-121	B121J1ZQ2
232	A232S1YZQ	232	B232J2ZQ2	127	B127J72V3B2	123	B123J1ZQ2
JMT-233	A233S1YZQ	MP1-233	B233J2ZQ2	MP5-131	B131J72V3B2	MB1-126	B126J1ZQ2
234	A234S1YZQ	235	B235J2ZQ2	221	B221J72V3B2	127	B127J1ZQ2
235	A235S1YZQ	321	B321J2ZQ2	223	B223J72V3B2	131	B131J1ZQ2
321	A321S1YZQ	323	B323J2ZQ2	226	B226J72V3B2	221	B221J1ZQ2
323	A323S1YZQ	327	B327J2ZQ2	227	B227J72V3B2	223	B223J1ZQ2
JMT-327	A327S1YZQ	MP1-331	B331J2ZQ2	MF5-231	B231J72V3B2	MR1-226	B226J1ZQ2
331	A331S1YZQ	421	B421J2ZQ2	232	B232J72V3B2	227	B227J1ZQ2
334	A334S1YZQ	423	B423J2ZQ2	233	B223J72V3B2	231	B231J1ZQ2
421	A421S1YZQ	427	B427J2ZQ2	235	B235J72V3B2	232	B232J1ZQ2
423	A423S1YZQ	431	B431J2ZQ2	MP6-121	B121J63ZQ2	233	B233J1ZQ2
JMT-427	A427S1YZQ	MP1-432	B432J2ZQ2	MP6-123	B123J63ZQ2	MR1-235	B235J1ZQ2
431	A431S1YZQ	433	B433J2ZQ2	126	B126J63ZQ2	321	B321J1ZQ2
432	A432S1YZQ	435	B435J2ZQ2	127	B127J63ZQ2	323	B323J1ZQ2
433	A433S1YZQ	MF2-121	B121J21ZQ22M	131	B131J63ZQ2	327	B327J1ZQ2
434	A434S1YZQ	123	B123J21ZQ22M	221	B221J63ZQ2	331	B331J1ZQ2
JMT-435	A435S1YZQ	MP2-126	B126J21ZQ22M	MP6-223	B223J63ZQ2	MR1-421	B421J1ZQ2
LFH-121	A121P32Y5ZQ	127	B127J21ZQ22M	226	B226J63ZQ2	423	B423J1ZQ2
123	A123P32Y5ZQ	131	B131J21ZQ22M	227	B227J63ZQ2	427	B427J1ZQ2
126	A126P32Y5ZQ	221	B221J21ZQ22M	231	B221J63ZQ2	431	B431J1ZQ2
127	A127P32Y5ZQ	223	B223J21ZQ22M	232	B232J63ZQ2	432	B432J1ZQ2
LFH-131	A131P32Y5ZQ	MP2-226	B226J21ZQ22M	MP6-233	B223J63ZQ2	MR1-433	B433J1ZQ2
134	A134P32Y5ZQ	227	B227J21ZQ22M	235	B235J63ZQ2	435	B435J1ZQ2
221	A221P32Y5ZQ	231	B231J21ZQ22M	MP7-121	B121J60ZQ2	MR2-121	B121J11ZQ22M
223	A223P32Y5ZQ	232	B232J21ZQ22M	123	B123J60ZQ2	123	B123J11ZQ22M
226	A226P32Y5ZQ	233	B233J21ZQ22M	126	B126J60ZQ2	126	B126J11ZQ22M

*** EATON PART NUMBERS ARE NOW ELECTROSWITCH PART NUMBERS.**

CrossReference

FORMER EATON (JBT) PART NUMBER TO ELECTROSWITCH PART NUMBER*

Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.
MR2- 127	B127J11ZQ22M	MR6- 226	B226J53ZQ2	PB- 1261AV2Q	PB-12631AV2Q	PB1- 1262WB	PB-12612WB
131	B131J11ZQ22M	227	B227J53ZQ2	1261CB	PB-12631CB	1262ZQE	PB-12612ZQ
221	B221J11ZQ22M	231	B231J53ZQ2	1261CG	PB-12631CG	1262Z3B	PB-12612Z3B
223	B223J11ZQ22M	232	B232J53ZQ2	1261CGE	PB-12631CG	1263ABE	PB-12613AB
226	B226J11ZQ22M	233	B233J53ZQ2	1261CQ	PB-12631CQ	1263CB	PB-12613CB
MR2- 227	B227J11ZQ22M	MR6- 235	B235J53ZQ2	PB- 1261CQE	PB-12631CQ	PB1- 1263WB	PB-12613WB
231	B231J11ZQ22M	MR7- 121	B121J50ZQ2	1261ZB	PB-12631ZB	1263ZB	PB-12613ZB
232	B232J11ZQ22M	123	B123J50ZQ2	1261ZBE	PB-12631ZB	1263ZBE	PB-12613ZB
233	B233J11ZQ22M	126	B126J50ZQ2	1261ZB7E	PB-12631ZB7	1263ZG	PB-12613ZG
235	B235J11ZQ22M	127	B127J50ZQ2	1261ZG	PB-12631ZG	1263ZQE	PB-12613ZQ
MR2- 321	B321J11ZQ22M	MR7- 131	B131J50ZQ2	PB- 1261ZGE	PB-12631ZG	PB1- 1263ZG7	PB-12613ZG7
323	B323J11ZQ22M	221	B221J50ZQ2	1261ZG7E	PB-12631ZG7	PB2- 123	PB-12321ZQ
327	B327J11ZQ22M	223	B223J50ZQ2	1261ZQ	PB-12631ZQ	1233	PB-12323ZQ
331	B331J11ZQ22M	226	B226J50ZQ2	1262CG	PB-12632CG	126	PB-12621ZQ
421	B421J11ZQ22M	227	B227J50ZQ2	1262CQ	PB-12632CQ	126E	PB-12621ZQ
MR2- 423	B423J11ZQ22M	MR7- 231	B231J50ZQ2	PB- 1262WBE	PB-12632WB	PB2- 126WHITE	PB-12622ZQ
427	B427J11ZQ22M	232	B232J50ZQ2	1262ZB	PB-12632ZB	1261	PB-12621ZQ
431	B431J11ZQ22M	233	B233J50ZQ2	1262ZG	PB-12632ZG	PBS- 123	PBS-12331ZQ
432	B432J11ZQ22M	235	B235J50ZQ2	1262ZQ	PB-12632ZQ	123X	PBS-12300ZQ
433	B433J11ZQ22M	PB- 123	PB-12331ZQ	1262ZQE	PB-12632ZQ	126	PBS-12631ZQ
MR2- 435	B435J11ZQ22M	PB- 123E	PB-12331ZQ	PB- 1262Z3G	PB-12632Z3G	PBS- 126X	PBS-12600ZQ
MR3- 121	B121J3ZQ2	123MPC	PB-12331CQ	1263AB	PB-12633AB	PBS2- 126E	PBS-12621ZQ
123	B123J3ZQ2	123RED	PB-12333ZQ	1263AVB	PB-12633AVB	PBW- 126X	PBW-12600ZQ
126	B126J3ZQ2	123X	PB-12300ZQ	1263AVG7	PB-12623AVG7	126ZQE	PBW-12631ZQ
127	B127J3ZQ2	1230CB	PB-12300CB	1263-CG	PB-12633CG	1262ZQE	PBW-12632ZQ
MR3- 131	B131J3ZQ2	PB- 1231AB	PB-12331AB	PB- 1263CGE	PB-12633CG	PBW2- 126	PBW-12621ZAQ
221	B221J3ZQ2	1231AVQ	PB-12331AVQ	1263CQ	PB-12633CQ	PC1- 121	A121M1DRQ
223	B223J3ZQ2	1231CB	PB-12331CB	1263ZB	P6-12633ZB	123	A123M1DRQ
226	B226J3ZQ2	1231CGE	PB-12331CQ	1263ZBE	PB-12633ZB	126	A126M1DRQ
227	B227J3ZQ2	1231CQ	PB-12331CQ	1263ZG	PB-12633ZG	127	A127M1DRQ
MR3- 231	B231J3ZQ2	PB- 1231CQE	PB-12331CQ	PB- 1263ZG7	PB-12633ZG7	PC1- 131	A131M1DRQ
232	B232J3ZQ2	1231ZB	PB-12331ZB	1263ZQ	PB-12633ZQ	134	A134M1DRQ
233	B233J3ZQ2	1231ZG	PB-12331ZG	PB1- 123	PB-12311ZQ	PC2- 121	A121M1DR2Q
235	B235J3ZQ2	1231ZGE	PB-12331ZG	1231AB	PB-12311AB	123	A123M1DR2Q
321	B321J3ZQ2	1231ZG7	PB-12331ZG7	1231Z6	PB-12311ZB	126	A126M1DR2Q
MR3- 323	B323J3ZQ2	PB- 1232ZB	PB-12332ZB	PB1- 1231ZG	PB-12311ZG	PC2- 127	A127M1DR2Q
327	B327J3ZQ2	1233AVB	PB-12333AVB	1231ZG7	PB-12311ZG7	131	A131M1DR2Q
331	B331J3ZQ2	1233CG	PB-12333CG	1231Z3Q	PB-12311Z3Q	134	A134M1DR2Q
421	B421J3ZQ2	1233CQ	PB-12333CQ	1232ZB	PB-12312ZB	PS1- 1XX	PS1-1XXQ
423	B423J3ZQ2	1233ZB	PB-12333ZB	1232ZB7	P6-12312ZB7	100	PS1-100Q
MR3- 427	B427J3ZQ2	PB- 1233ZG	PB-12333ZG	PB1- 1232ZQE	PB-12312ZQ	PS1- 2XX	PS1-2XXQ
431	B431J3ZQ2	1233ZG7	PB-12333ZG7	1233ZG7	PB-12313ZG7	200	PS1-200Q
432	B432J3ZQ2	1233ZQ	PB-12333ZQ	126	PB-12611ZQ	PS2- 1XX	PS2-1XXQ
433	B433J3ZQ2	126	PB-12631ZQ	126G	PB-12611ZG	100	PS2-100Q
435	B435J3ZQ2	126AV2BE	PB-12631AV2B	126MPC	PB-12611CQ	2XX	PS2-2XXQ
M65- 121	B121J71V3B2	PB- 126CGE	PB-12631CG	PB1- 126RED	PB-12613ZQ	PS2- 200	PS2-200Q
123	B123J71V3B2	126CQ	PB-12631CQ	126WHITE	PB-12612ZQ	PS3- 1XX	PS1-1XXB
126	B126J71V3B2	126CQE	PB-12631CQ	1261AB	PB-12611AB	100	PS1-100B
127	B127J71V3B2	126E	PB-12631ZQ	1261ABE	PB-12611AB	2XX	PS1-2XXB
131	B121J71V3B2	126EWHITE	PB-12632ZQ	1261AQ	PB-12611AQ	200	PS1-200B
M65- 221	B221J71V3B2	PB- 126EX	PB-12600ZQ	PB1- 1261AVB	PB-12611AVB	PS4- 1XX	PS2-100B
223	B223J71V3B2	126G	PB-12631ZG	1261AVQ	PB-12611AVQ	2XX	PS2-2XXB
226	B226J71V3B2	126MPC	PB-12631CQ	1261CB	PB-12611CB	200	PS2-200B
227	B227J71V3B2	126RED	PB-12633ZQ	1261CQ	PB-12611CQ	PS5- 1XX	PS5-1XXQ
231	B231J71V3B2	126UL	PB-12631ZQ	1261WBE	PB-12611WB	100	PS5-100Q
MR5- 232	B232J71V3B2	PB- 126WHITE	PB-12632ZQ	PB1- 1261WG	PB-12611WG	PS6- 1XX	PS6-1XXQ
233	B233J71V3B2	126X	PB-12600ZQ	1261ZB	PB-12611ZB	100	PS6-100Q
235	B235J71V3B2	1260AB	PB-12600AB	1261ZBE	PB-12611ZB	PS7- 1XX	PS7-1XXB
MR6- 121	B121J53ZQ2	1260ZB	PB-12600ZB	1261ZG	PB-12611ZG	100	PS7-100B
123	B123J53ZQ2	1261AB	PB-12631AB	1261ZGE	PB-12611ZG	2XX	PS7-2XXB
M66- 126	B126J53ZQ2	PB- 1261ABE	PB-12631AB	PB1- 1261ZG7	PB-12611ZG7	PS7- 200	PS7-200B
127	B127J53ZQ2	1261AQ	PB-12631AQ	1261ZQ	PB-12611ZQ	PS8- 1XX	PS8-1XXB
131	B131J53ZQ2	1261AVQ	PB-12631AVQ	1261ZQE	PB-12611ZQ	100	PS8-100B
221	B221J53ZQ2	1261AV2B	PB-12631AV2B	1261Z3B	PB-12611Z3B	2XX	PS8-2XXB
223	B223J53ZQ2	1261AV2BE	PB-12631AV2B	1262CB	PB-12612CB	200	PS8-200B

*** EATON PART NUMBERS ARE NOW ELECTROSWITCH PART NUMBERS.**

CrossReference

FORMER EATON (JBT) PART NUMBER TO ELECTROSWITCH PART NUMBER*

Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.
PS9- 1XX	PS9-1XXB	T01- 234	A234S1YWB	T04- 223	A223S1CWZQ	T11- 123	A123S1HZQ
100	PS9-100B	235	A235S1YWB	226	A226S1CWZQ	126	A126S1HZQ
2XX	PS9-2XXB	321	A321S1YWB	227	A227S1CWZQ	127	A127S1HZQ
200	PS9-200B	323	A323S1YWB	231	A231S1CWZQ	131	A131S1HZQ
PS10- 1XX	PS10-1XXB	327	A327S1YWB	232	A232S1CWZQ	134	A134S1HZQ
PS10- 100	PS10-100B	T01- 331	A331S1YWB	T04- 233	A233S1CWZQ	T11- 221	A221S1HZQ
2XX	PS10-2XXB	334	A334S1YWB	234	A234S1CWZQ	223	A223S1HZQ
200	PS10-200B	421	A421S1YWB	235	A235S1CWZQ	226	A226S1HZQ
PS11- 1XX	PS11-1XXB	423	A423S1YWB	321	A321S1CWZQ	227	A227S1HZQ
100	PS11-100B	427	A427S1YWB	323	A323S1CWZQ	231	A231S1HZQ
PS11- 2XX	PS11-2XXB	T01- 431	A431S1YWB	T04- 327	A327S1CWZQ	T11- 232	A232S1HZQ
200	PS11-200B	432	A432S1YWB	331	A331S1CWZQ	233	A233S1HZQ
PS14- 1XXX	PS14-1XXXQ	433	A433S1YWB	334	A334S1CWZQ	234	A234S1HZQ
100	PS14-100Q	434	A434S1YWB	421	A421S1CWZQ	235	A235S1HZQ
2XXX	PS14-2XXXQ	435	A435S1YWB	423	A423S1CWZQ	321	A321S1HZQ
PS14- 200	PS14-200Q	T02- 121	A121M1D9AB	T04- 427	A427S1CWZQ	T11- 323	A323S1HZQ
PS15- 1XXX	PS15-1XXXQ	123	A123M1D9AB	431	A431S1CWZQ	327	A327S1HZQ
100	PS15-100Q	126	A126M1D9AB	432	A432S1CWZQ	331	A331S1HZQ
2XXX	PS15-2XXXQ	127	A127M1D9AB	433	A433S1CWZQ	334	A334S1HZQ
200	PS15-200Q	131	A131M1D9AB	434	A434S1CWZQ	421	A421S1HZQ
PS16- 1XXX	PS16-1XXXQ	T02- 134	A134M1D9AB	T04- 435	A435S1CWZQ	T11- 423	A432S1HZQ
100	PS16-100Q	221	A221M1D9AB	T06- 121	A121S1YZB	427	A427S1HZQ
2XXX	PS16-2XXXQ	223	A223M1D9AB	123	A123S1YZB	431	A431S1HZQ
200	PS16-200Q	226	A226M1D9AB	126	A126S1YZB	432	A432S1HZQ
PS17- 1XXX	PS17-1XXXQ	227	A227M1D9AB	127	A127S1YZB	433	A433S1HZQ
PS17- 100	PS17-100Q	T02- 231	A231M1D9AB	T06- 131	A131S1YZB	T11- 434	A434S1HZQ
2XXX	PS17-2XXXQ	232	A232M1D9AB	134	A134S1YZB	435	A435S1HZQ
200	PS17-200Q	233	A233M1D9AB	221	A221S1YZB	T12- 121	A121S1YZQP
PS71- 1XXX	PS71-1XXB	234	A234M1D9AB	223	A223S1YZB	123	A123S1YZQP
100	PS71-100B	235	A235M1D9AB	226	A226S1YZB	126	A126S1YZQP
PS71- 2XX	PS71-2XXB	T03- 121	A121S1CXZQ	T06- 227	A227S1YZB	T12- 127	A127S1YZQP
200	PS71-200B	123	A123S1CXZQ	231	A231S1YZB	131	A131S1YZQP
PS72- 1XXX	PS72-1XXB	126	A126S1CXZQ	232	A232S1YZB	134	A134S1YZQP
100	PS72-100B	127	A127S1CXZQ	233	A233S1YZB	221	A221S1YZQP
2XX	PS72-2XXB	131	A131S1CXZQ	234	A234S1YZB	223	A223S1YZQP
PS72- 200	PS72-200B	T03- 134	A134S1CXZQ	T06- 235	A235S1YZB	T12- 226	A226S1YZQP
PS73- 1XX	PS73-1XXB	221	A221S1CXZQ	321	A321S1YZB	227	A227S1YZQP
100	PS73-100B	223	A223S1CXZQ	323	A323S1YZB	231	A231S1YZQP
2XX	PS73-2XXB	226	A226S1CXZQ	327	A327S1YZB	232	A232S1YZQP
200	PS73-200B	227	A227S1CXZQ	331	A331S1YZB	233	A233S1YZQP
PS81- 1XX	PS81-1XXB	T03- 231	A231S1CXZQ	T06- 334	A334S1YZB	T12- 234	A234S1YZQP
100	PS81-100B	232	A232S1CXZQ	421	A421S1YZB	235	A235S1YZQP
2XX	PS81-2XXB	233	A233S1CXZQ	423	A423S1YZB	321	A321S1YZQP
200	PS81-200B	234	A234S1CXZQ	427	A427S1YZB	323	A323S1YZQP
PS82- 1XX	PS82-1XXB	235	A235S1CXZQ	431	A431S1YZB	327	A327S1YZQP
PS82- 100	PS82-100B	T03- 321	A321S1CXZQ	T06- 432	A432S1YZB	T12- 331	A331S1YZQP
2XX	PS82-2XXB	323	A323S1CXZQ	433	A433S1YZB	334	A334S1YZQP
200	PS82-200B	327	A327S1CXZQ	434	A434S1YZB	421	A421S1YZQP
PS83- 1XX	PS83-1XXB	331	A331S1CXZQ	435	A435S1YZB	423	A423S1YZQP
100	PS83-100B	334	A334S1CXZQ	T08- 121	A121M1D9AVB	427	A427S1YZQP
PS83- 2XX	PS83-2XXB	T03- 421	A421S1CXZQ	T08- 123	A123M1D9AVB	T12- 431	A431S1YZQP
200	PS83-200B	423	A423S1CXZQ	126	A126M1D9AVB	432	A432S1YZQP
T01- 121	A121S1YWB	427	A427S1CXZQ	127	A127M1D9AVB	433	A433S1YZQP
123	A123S1YWB	431	A431S1CXZQ	131	A131M1D9AVB	434	A434S1YZQP
126	A126S1YWB	432	A432S1CXZQ	134	A134M1D9AVB	435	A435S1YZQP
T01- 127	A127S1YWB	T03- 433	A433S1CXZQ	T08- 221	A221M1D9AVB	T13- 121	A121S1YZ3Q
131	A131S1YWB	434	A434S1CXZQ	223	A223M1D9AVB	123	A123S1YZ3Q
134	A134S1YWB	435	A435S1CXZQ	226	A226M1D9AVB	126	A126S1YZ3Q
221	A221S1YWB	T04- 121	A121S1CXZQ	227	A227M1D9AVB	127	A127S1YZ3Q
223	A223S1YWB	123	A123S1CXZQ	231	A231M1D9AVB	131	A131S1YZ3Q
T01- 226	A226S1YWB	T04- 126	A126S1CXZQ	T08- 232	A232M1D9AVB	T13- 134	A134S1YZ3Q
227	A227S1YWB	127	A127S1CXZQ	233	A233M1D9AVB	221	A221S1YZ3Q
231	A231S1YWB	131	A131S1CXZQ	234	A234M1D9AVB	223	A223S1YZ3Q
232	A232S1YWB	134	A134S1CXZQ	235	A235M1D9AVB	226	A226S1YZ3Q
233	A233S1YWB	221	A221S1CXZQ	T11- 121	A121S1HZQ	227	A227S1YZ3Q

*** EATON PART NUMBERS ARE NOW ELECTROSWITCH PART NUMBERS.**

CrossReference

FORMER EATON (JBT) PART NUMBER TO ELECTROSWITCH PART NUMBER*

Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.	Former Eaton Part No.	Electroswitch Part No.
T13- 231	A231S1YZ3Q	T17- 126	A126L34YZQ	T19- 232	A232P12YZQ	T21- 421	A421L01YZQ
232	A232S1YZ3Q	127	A127L34YZQ	233	A233P12YZQ	423	A423L01YZQ
233	A233S1YZ3Q	131	A131L34YZQ	234	A234P12YZQ	427	A427L01YZQ
234	A234S1YZ3Q	134	A134L34YZQ	235	A235P12YZQ	431	A431L01YZQ
235	A235S1YZ3Q	221	A221L34YZQ	321	A321P12YZQ	432	A432L01YZQ
T13- 321	A321S1YZ3Q	T17- 223	A223L34YZQ	T19- 323	A323P12YZQ	T21- 433	A433L01YZQ
323	A323S1YZ3Q	226	A226L34YZQ	327	A327P12YZQ	434	A434L01YZQ
327	A327S1YZ3Q	227	A227L34YZQ	331	A331P12YZQ	435	A435L01YZQ
331	A331S1YZ3Q	231	A231L34YZQ	334	A334P12YZQ	T22- 121	A121L11YZQ
334	A334S1YZ3Q	232	A232L34YZQ	421	A421P12YZQ	123	A123L11YZQ
T13- 421	A421S1YZ3Q	T17- 233	A233L34YZQ	T19- 423	A423P12YZQ	T22- 126	A126L11YZQ
423	A423S1YZ3Q	234	A234L34YZQ	427	A427P12YZQ	127	A127L11YZQ
427	A427S1YZ3Q	235	A235L34YZQ	431	A431P12YZQ	131	A131L11YZQ
431	A431S1YZ3Q	321	A321L34YZQ	432	A432P12YZQ	134	A134L11YZQ
432	A432S1YZ3Q	323	A323L34YZQ	433	A433P12YZQ	221	A221L11YZQ
T13- 433	A433S1YZ3Q	T17- 327	A327L34YZQ	T19- 434	A434P12YZQ	T22- 223	A223L11YZQ
434	A434S1YZ3Q	331	A331L34YZQ	435	A435P12YZQ	226	A226L11YZQ
435	A435S1YZ3Q	334	A334L34YZQ	T20- 121	A121P42YZQ	227	A227L11YZQ
T14- 121	A121M1D9AV2B	421	A421L34YZQ	123	A123P42YZQ	231	A231L11YZQ
123	A123M1D9AV2B	423	A423L34YZQ	126	A126P42YZQ	232	A232L11YZQ
T14- 126	A126M1D9AV2B	T17- 427	A427L34YZQ	T20- 127	A127P42YZQ	T22- 233	A233L11YZQ
127	A127M1D9AV2B	431	A431L34YZQ	131	A131P42YZQ	234	A234L11YZQ
131	A131M1D9AV2B	432	A432L34YZQ	134	A134P42YZQ	235	A235L11YZQ
134	A134M1D9AV2B	433	A433L34YZQ	221	A221P42YZQ	321	A321L11YZQ
221	A221M1D9AV2B	434	A434L34YZQ	223	A223P42YZQ	323	A323L11YZQ
T14- 223	A223M1D9AV2B	T17- 435	A435L34YZQ	T20- 226	A226P42YZQ	T22- 327	A327L11YZQ
226	A226M1D9AV2B	T18- 121	A121L44YZQ	227	A227P42YZQ	331	A331L11YZQ
227	A227M1D9AV2B	123	A123L44YZQ	231	A231P42YZQ	334	A334L11YZQ
231	A231M1D9AV2B	126	A126L44YZQ	232	A232P42YZQ	421	A421L11YZQ
232	A232M1D9AV2B	127	A127L44YZQ	233	A233P42YZQ	423	A423L11YZQ
T14- 233	A233M1D9AV2B	T18- 131	A131L44YZQ	T20- 234	A234P42YZQ	T22- 427	A427L11YZQ
234	A234M1D9AV2B	134	A134L44YZQ	235	A235P42YZQ	431	A431L11YZQ
235	A235M1D9AV2B	221	A221L44YZQ	321	A321P42YZQ	432	A432L11YZQ
T15- 121	A121M1D9V30B	223	A223L44YZQ	323	A323P42YZQ	433	A433L11YZQ
123	A123M1D9V30B	226	A226L44YZQ	327	A327P42YZQ	434	A434L11YZQ
T15- 126	A126M1D9V30B	T18- 227	A227L44YZQ	T20- 331	A331P42YZQ	T22- 435	A435L11YZQ
127	A127M1D9V30B	231	A231L44YZQ	334	A334P42YZQ	T23- 121	A121T11TZQ
131	A131M1D9V30B	232	A232L44YZQ	421	A421P42YZQ	123	A123T11TZQ
134	A134M1D9V30B	233	A233L44YZQ	423	A423P42YZQ	221	A221T11TZQ
221	A221M1D9V30B	234	A234L44YZQ	427	A427P42YZQ	223	A223T11TZQ
T15- 223	A223M1D9V30B	T18- 235	A235L44YZQ	T20- 431	A431P42YZQ	T23- 323	A323T11TZQ
226	A226M1D9V30B	321	A321L44YZQ	432	A432P42YZQ	423	A423T11TZQ
227	A227M1D9V30B	323	A323L44YZQ	433	A433P42YZQ		
231	A231M1D9V30B	327	A327L44YZQ	434	A434P42YZQ		
232	A232M1D9V30B	331	A331L44YZQ	435	A435P42YZQ		
T15- 233	A233M1D9V30B	T18- 334	A334L44YZQ	T21- 121	A121L01YZQ		
234	A234M1D9V30B	421	A421L44YZQ	123	A123L01YZQ		
235	A235M1D9V30B	423	A423L44YZQ	126	A126L01YZQ		
T16- 121	A121M1D9V60B	427	A427L44YZQ	127	A127L01YZQ		
123	A123M1D9V60B	431	A431L44YZQ	131	A131L01YZQ		
T16- 126	A126M1D9V60B	T18- 432	A432L44YZQ	T21- 134	A134L01YZQ		
127	A127M1D9V60B	433	A433L44YZQ	221	A221L01YZQ		
131	A131M1D9V60B	434	A434L44YZQ	223	A223L01YZQ		
134	A134M1D9V60B	435	A435L44YZQ	226	A226L01YZQ		
221	A221M1D9V60B	T19- 121	A121P12YZQ	227	A227L01YZQ		
T16- 223	A223M1D9V60B	T19- 123	A123P12YZQ	T21- 231	A231L01YZQ		
226	A226M1D9V60B	126	A126P12YZQ	232	A232L01YZQ		
227	A227M1D9V60B	127	A127P12YZQ	233	A233L01YZQ		
231	A231M1D9V60B	131	A131P12YZQ	234	A234L01YZQ		
232	A232M1D9V60B	134	A134P12YZQ	235	A235L01YZQ		
T16- 233	A233M1D9V60B	T19- 221	A221P12YZQ	T21- 321	A321L01YZQ		
234	A234M1D9V60B	223	A223P12YZQ	323	A323L01YZQ		
235	A235M1D9V60B	226	A226P12YZQ	327	A327L01YZQ		
T17- 121	A121L34YZQ	227	A227P12YZQ	331	A331L01YZQ		
123	A121L34YZQ	231	A231P12YZQ	334	A334L01YZQ		

*** EATON PART NUMBERS ARE NOW ELECTROSWITCH PART NUMBERS.**

Toggle Switch Cross Reference
C&K to Electroswitch

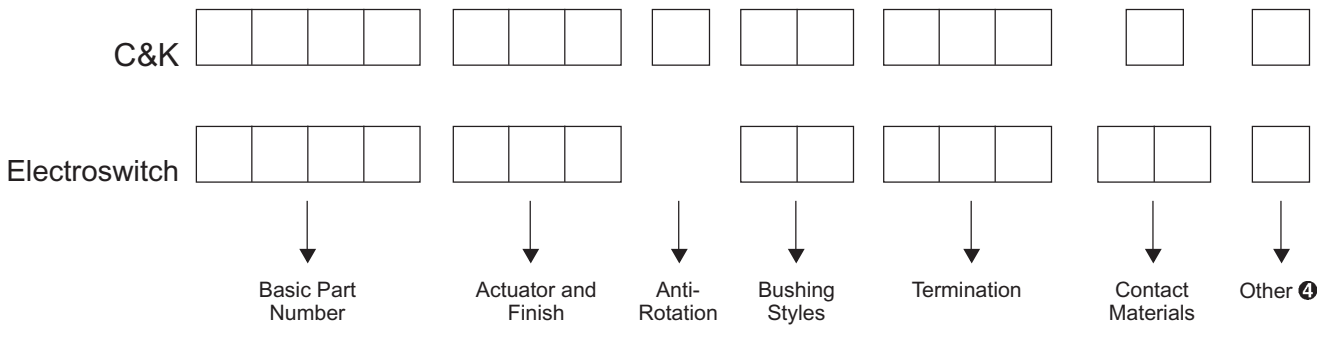
STANDARD TOGGLE SWITCHES

BASIC SWITCH			OPTIONAL FEATURE CODES											
C&K		Electroswitch	Actuator & Finish		Anti-Rotation		Bushing Styles		Termination		Contact Materials		Other ❹	
Std.	U.L. ❶		C&K	Electroswitch	C&K	Electroswitch	C&K	Electroswitch	C&K	Electroswitch	C&K	Electroswitch	C&K	Electroswitch
7101	U11	A123	K1	K12			CW	CW						
7103	U13	A121							A	A				
7105	U15	A127	L	L01				CX						
7107	U17	A131							AV	AV ❼	B	B		
7108	U18	A126	L1	L11					AV2	AV2 ❼				
7109	U19	A134					D	D						
7201	U21	A223	L2	L21					C	C				
7203	U23	A221					D9	D9						
7205	U25	A227	L3	L34					R	R	G	G		
7207	U27	A231											E	❻
7208	U28	A226							R2	R2				
7209	U29	A234	L3 ❷ (Red)	L35			H	H						
7211	U211	A232							V30	V30				
7213	U213	A233									Q	Q		
7215	U215	A235	L3 ❷ (White)	L36			H3	H3	V40	V40				
7301	U31	A323		L4	P	❸ See Below								
7303	U33	A321						K	V60	V60				
7305	U35	A327	M	M1					V70	V70	K	K ❽		
7307	U37	A331					CW	TW ❺						
7308	U38	N/A	P1	P11					W	W			❸	P ❸
7309	U39	A334												
7401	U41	A423	P3	P31			CW	TX ❺	W1	W1				
7403	U43	A421									L	L ❽		
7405	U45	A427	P4	P41			Y	Y	W3	W3				
7407	N/A	A431							W4	W4				
7408	U48	N/A	S	S1										
7409	U49	A434						Y5	Z	Z	M	M ❽		
7411	U411	A432	T	T1										
7412	U413	A433							Z3	Z3				
7415	U415	A435	T1	T11			Y9	Y9						

❶ Electroswitch part numbers are supplied U.L. Approved as standard on switches with Q and G options.
❷ The color descriptions are spelled out at the end of the C&K part number. Ex. 7101L3YZQ with red handle.
❸ The Electroswitch code for anti-rotation (P) is found at the end of the Electroswitch part number. Not available on T or T1.
❹ Other options include anti-rotation feature for Electroswitch.
❺ Corresponds with sealed bushing version for T or T1 Actuator. See page 40.
❻ Epoxy seal standard on all terminal options.
❼ Verify momentary position on '26', '31', and '33' circuits. See pages 38 and 42 Pos. "C" or consult factory.
❽ See page 38.

SELECTION GUIDE

Ordering Number



Rocker Switch Cross Reference
C&K to Electroswitch

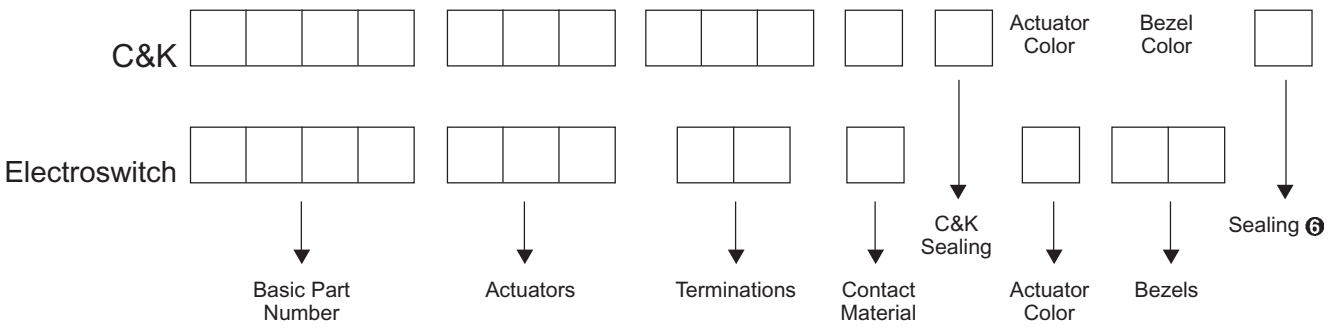
STANDARD ROCKER AND PADDLE SWITCHES

BASIC SWITCH			OPTIONAL FEATURE CODES													
C&K		Electroswitch	Actuators		Terminations		Contact Materials		Sealing		Actuator Color		Frame or Bezels		Other	
Std.	U.L. ❶		C&K	Electroswitch	C&K	Electroswitch	C&K	Electroswitch	C&K	Electroswitch	C&K	Electroswitch	C&K	Electroswitch	C&K	Electroswitch
7101	U11	B123	J1 ❷	J1	A	A	B	B	E		White	1	White ❸	1P	E	❻
7103	U13	B121	J2 ❷	J2	AV	AV1 ❼							Black (Std.) ❸	2P		
7105	U15	B127	J3 ❷	J3	AV2	AV2 ❼					Black (Std.)	2	Red ❸	3P		
7107	U17	B131	J5 ❷	J5	C	C	G	G					Black w/ L. E. D. Hole ❸	4P		
7108	U18	B126	J11 ❸	J11	V3	V3					Red	3	Green ❸	5P		
7109	U19	B134	J21 ❸	J21	V4	V4	Q	Q					Blue ❸	6P		
7201	U21	B223	J37	J37	V5	V5					Green	5	Bright Gray ❸	8P		
7203	U23	B221	J47	J47	V6	V6	K	K ❽			Blue	6	Yellow ❸	9P		
7205	U25	B227	J50 ❷	J50	V7	V7					Light Gray	8	Dark Gray ❸	0P		
7207	U27	B231	J51 ❸	J50 ❹	W	W	L	L ❽					Bright Chrome ❸	1M		
7208	U28	B226	J52 ❸	J50 ❺	W1	W1					Yellow	9	Black (Std.) ❸	2M		
7209	U29	B234	J53 ❷	J53	W3	W3	M	M ❽					Satin Chrome ❸	3M		
7211	U211	B232	J60 ❷	J60	W4	W4					Dark Gray	0				
7213	U213	B233	J61 ❸	J60 ❹	Z	Z										
7215	U215	B235	J62 ❸	J60 ❺	Z3	Z3										
7301	U31	B323	J63 ❷	J63												
7303	U33	B321														
7305	U35	B327														
7307	U37	B331														
7308	U38	N/A														
7309	U39	B334														
7401	U41	B423														
7403	U43	B421														
7405	U45	B427														
7407	N/A	B431														
7408	U48	N/A														
7409	U49	B434														
7411	U411	B432														
7412	U413	B433														
7415	U415	B435														

❶ Electroswitch part numbers are supplied U.L. Approved as standard on switches with Q and G options.
❷ A complete C&K part number includes in **Word Form** an actuator color at the end of the part number. If none is indicated a black actuator will be supplied as standard. Ex. 7101J2ZB with red actuator is Electroswitch part number B123J2ZB3.
❸ A complete C&K part number includes in **Word Form** an actuator color and bezel color at the end of the part number. If none is indicated a black actuator and bezel will be supplied as standard. Ex. 7101J51CBE with white actuator and red frame is Electroswitch part number B123J50CB22P.
❹ A complete Electroswitch part number must include one of the following bezel codes. 1P, 2P, 3P, 5P, 6P, 8P, 9P, 0P.
❺ A complete Electroswitch part number must include bezel code 4P.
❻ Epoxy is standard on all terminal options.
❼ Verify momentary position on '26', '31', and '33' circuits. See pages 24 and 30 Pos. "C" or consult factory.
❽ See page 24.

SELECTION GUIDE

Ordering Number



Toggle Switch Cross Reference
ALCO & C&K to Electroswitch

WASHABLE TOGGLE SWITCHES

BASIC SWITCH			OPTIONAL FEATURE CODES									
			Actuator & Finish		Bushing Styles		Termination		Contact Materials		Other	
ALCO	C&K	Electroswitch 5	ALCO & C&K	Electroswitch	ALCO & C&K	Electroswitch	ALCO & C&K	Electroswitch	ALCO & C&K	Electroswitch	ALCO & C&K	Electroswitch
AE101 AE103 AE105 AE107 AE108	E101 E103 E105 E107 E108	WT123 WT121 WT127 WT131 WT126	L ❶	L01	D1	D1	A	A	B	B	E ❷	❹
			L1 ❶	L11			AV2	AV2 ❼				
							C	C	G	G		
			L2 ❶	L21	—	D9	V3	V3				
AE201 AE203 AE205 AE207 AE208	E201 E203 E205 E207 E208	WT223 WT221 WT227 WT231 WT226					V30	V30	Q	Q		
			L3 ❷	L34 ❸			W	W				
					Y ❷	Y	W1	W1	K	K ❻		
			—	L44 ❸			W3	W3	L	L ❻		
					—	Y9	W4	W4				
			M	M1			W5	—	M	M ❻		
AE211 AE213 AE215	E211 — E215	WT232 WT233 WT235	S	S1			Z	Z				
							Z3	Z3				

❶ ALCO only.
❷ C&K only.
❸ Black std. See catalog for other colors.
❹ Epoxy is standard on all terminal options for Electroswitch & ALCO.
❺ Electroswitch part numbers are supplied U.L. approved as standard on switches with Q and G options.
❻ See page 44.
❼ Verify momentary position on '26', '31', and '33' circuits. See pages 44 and 47 Pos. "C" or consult factory.

Rocker Switch Cross Reference
ALCO & C&K to Electroswitch

WASHABLE ROCKER/PADDLE SWITCHES

BASIC SWITCH			OPTIONAL FEATURE CODES									
			Actuators		Terminations		Contact Materials		Sealing		Actuator Color	
ALCO	C&K	Electroswitch 1	ALCO & C&K	Electroswitch	ALCO & C&K	Electroswitch	ALCO & C&K	Electroswitch	ALCO & C&K	Electroswitch	ALCO & C&K	Electroswitch
AE101 AE103 AE105 AE107 AE108	E101 E103 E105 E107 E108	WP 123 (Paddle) 121 or 127 WR 131 (Rocker) 126	J1	J1 ❷ or J71 ❷	A	A	B	B	E ❸	❹	White	1
					AV2	AV2 ❺						
					C	C	G	G			Black (Std.)	2
					V3	V3						
AE201 AE203 AE205 AE207 AE208 AE211 AE213 AE215	E201 E203 E205 E207 E208 E211 E215	WP 223 221 (Paddle) 227 Or 231 WR 226 232 (Rocker) 233 235	J2	J2 ❷ or J72 ❷	W	W	Q	Q				
					W1	W1	K	K ❻			Red	3
			J50	J76 ❷	W3	W3	L	L ❻				
					W4	W4					Green	5
			J60	J77 ❷	Z	Z	M	M ❻				
			J90 ❸	—	Z3	Z3						

❶ Electroswitch part numbers are supplied U.L. Approved as standard on switches with Q and G options.
❷ J1, J2 used with C, Z, Z3, W-W4 terminations. J71, J72, J76, J77 used with A, AV2, V3 terminations.
❸ C&K only.
❹ Epoxy is standard on all terminal options for Electroswitch & ALCO.
❺ Verify momentary position on '26', '31', and '33' circuits. See pages 32 and 35 Pos. "C" or consult factory.
❻ See page 32.

STANDARD MINIATURE SWITCHES

ALCO Part No.	Electroswitch Part No.
MDS-106D-50-0	B123J50ZQ2
MDS-106D-50	B123J50ZQ ❶
MDS-106D-60-0	B123J60ZQ2
MDS-106D-60	B123J60ZQ ❶
MDS-106E-50-0	B121J50ZQ2
MDS-106E-50	B121J50ZQ ❶
MDS-106E-60-0	B121J60ZQ2
MDS-106E-60	B121J60ZQ ❶
MDS-106E-50-0	B126J50ZQ2
MDS-106F-50	B126J5ZQ ❶
MDS-106F-60-0	B126J60ZQ2
MDS-106F-60	B126J60ZQ ❶
MDS-206N-50-0	B223J50ZQ2
MDS-206N-50	B223J50ZQ ❶
MDS-206N-60-0	B223J60ZQ2
MDS-206N-60	B223J60ZQ ❶
MDS-206P-50-0	B221J50ZQ2
MDS-206P-50	B221J50ZQ ❶
MDS-206P-60-0	B221J60ZQ2
MDS-206P-60	B221J60ZQ ❶
MDS-206R-50-0	B226J50ZQ2
MDS-206R-50	B226J50ZQ ❶
MDS-206R-60-0	B226J60ZQ2
MDS-206R-60	B226J60ZQ ❶
MHL-106D-10M-0	B123J1ZQ2
MHL-106D-10M	B123J1ZQ ❶
MHL-106D-20M-0	B123J2ZQ2
MHL-166D-20M	B123J2ZQ ❶
MHL-106E-20M-0	B121J2ZQ2
MHL-106E-20M	B121J2ZQ ❶
MHL-106F-10M-0	B126J1ZQ2
MHL-106F-10M	B126J1ZQ ❶
MHL-106F-20M-0	B126J2ZQ2
MHL-106F-20M	B126J2ZQ ❶
MHL-206N-10M-0	B223J1ZQ2
MHL-206N-10M	B223J1ZQ ❶
MHL-206N-20M-0	B223J2ZQ2
MHL-206N-20M	B223J2ZQ ❶
MHL-206P-20M-0	B221J2ZQ2
MHL-206P-20M	B221J2ZQ ❶
MHL-206R-10M-0	B226J1ZQ2
MHL-206R-10M	B226J1ZQ ❶
MHL-206R-20M-0	B226J2ZQ2
MHL-206R-20M	B226J2ZQ ❶
MHL-306D-10M-0	B323J1ZQ2
MHL-306D-10M	B323J1ZQ ❶
MHL-306D-20M-0	B323J2ZQ2
MHL-306D-20M	B323J2ZQ ❶
MHL-306F-10M-0	B326J1ZQ2
MHL-306F-10M	B326J1ZQ ❶
MHL-306F-20M-0	B326J2ZQ2
MHL-306F-20M	B326J2ZQ ❶
MHL-406N-10M-0	B423J1ZQ2
MHL-406N-10M	B423J1ZQ ❶
MHL-406N-20M-0	B423J2ZQ2
MHL-406N-20M	B423J2ZQ ❶

ALCO Part No.	Electroswitch Part No.
MHV-106D-PC-10-0M	B123J71V3Q2
MHV-106D-PC-10M	B123J71V3Q ❶
MHV-106D-PC-20-0M	B123J72V3Q2
MHV-106D-PC-20M	B123J72V3Q ❶
MHV-106E-PC-20-0M	B121J72V3Q2
MHV-106E-PC-20M	B121J72V3Q ❶
MHV-106F-PC-10-0M	B126J71V3Q2
MHV-106F-PC-10M	B126J71V3Q ❶
MHV-106F-PC-20-0M	B126J72V3Q2
MHV-106F-PC-20M	B126J72V2Q ❶
MHV-206N-PC-10-0M	B223J71V3Q2
MHV-206N-PC-10M	B223J71V3Q ❶
MHV-206N-PC-20-0M	B223J72V3Q2
MHV-206N-PC-20M	B223J72V3Q ❶
MHV-206P-PC-20-0M	B221J72V3Q2
MHV-206P-PC-20M	B221J72V3Q ❶
MHV-206R-PC-10-0M	B226J71V3Q2
MHV-206R-PC-10M	B226J71V3Q ❶
MHV-206R-PC-20-0M	B226J72V3Q2
MHV-206R-PC-20M	B226J72V3Q ❶
MLD-106D-70-0	B123J50ZQ2
MLD-106D-70	B123J50ZQ ❶
MLD-106D-80-0	B123J60ZQ2
MLD-106D-80	B123J60ZQ ❶
MLD-106E-70-0	B121J50ZQ2
MLD-106E-70	B121J50ZQ ❶
MLD-106E-80-0	B121J60ZQ2
MLD-106E-80	B121J60ZQ ❶
MLD-106F-70-0	B126J50ZQ2
MLD-106F-70	B126J50ZQ ❶
MLD-106F-80-0	B126J60ZQ2
MLD-106F-80	B126J60ZQ ❶
MLD-206N-70-0	B223J50ZQ2
MLD-206N-70	B223J50ZQ ❶
MLD-206N-80-0	B223J60ZQ2
MLD-206N-80	B223J60ZQ ❶
MLD-206P-70-0	B221J50ZQ2
MLD-206P-70	B221J50ZQ ❶
MLD-206P-80-0	B221J60ZQ2
MLD-206P-80	B221J60ZQ ❶
MLD-206R-70-0	B226J50ZQ2
MLD-206R-70	B226J50ZQ ❶
MLD-206R-80-0	B226J60ZQ2
MLD-206R-80	B226J60ZQ ❶
MNL-206 ❸	SC12CWN1 ❸
MNL-206P ❸	SC12BWN1 ❸
MNL-206R ❸	SC12GWN1 ❸

❸ Add Color of Rocker Code as Follows

Red — 2	92
Amber — 4	94
Green — 5	93
While — 9	91

ALCO Part No.	Electroswitch Part No.
MPA-106D	PB-12331ZQ ❷
MPA-106F	PB-12631ZQ ❷
MPE-106D	PBW-12331ZQ ❷
MPE-106F	PBW-12631ZQ ❷

ALCO Part No.	Electroswitch Part No.
MPS-103F	PS1-100Q
MPS-103F-PC	PS2-100G
MPS-103F-PCV	PS71-100Q
MPS-103F-RA	PS9-100Q
MPS-203R	PS1-200Q
MPS-203R-PC	PS2-200G
MPS-203R-PCV	PS71-200Q
MPS-203R-RA	PS9-200Q
MPSR-103F	PS14-100G
MPSR-203R	PS14-200G

NOTE — Pushbutton caps and bezels are ordered separately below and are not exactly interchangeable. Also the panel cut out for MPSR is NOT tHe same as C-H.

C220	W-KN-17
C222	W-KN-17B
C229	W-KN-17A
C330	W-KN-18
C332	W-KN-18B
C339	W-KN-18A
SDR	W-BZ-12

ALCO Part No.	Electroswitch Part No.
MRL-106D-30M-0	B123J3ZQ2
MRL-106D-30M	B123J3ZQ ❶
MRL-106D-40M-0	B123J5ZQ2
MRL-106D-40M	B123J5ZQ ❶
MRL-106E-30M-0	B121J3ZQ2
MRL-106E-30M	B121J3ZQ ❶
MRL-106E-40M-0	B121J5ZQ2
MRL-106E-40M	B121J5ZQ ❶
MRL-106F-30M-0	B126J3ZQ2
MRL-106F-30M	B126J3ZQ ❶
MRL-106F-40M-0	B126J5ZQ2
MRL-106F-40M	B126J5ZQ ❶
MRL-206N-30M-0	B223J3ZQ2
MRL-206N-30M	B223J3ZQ ❶
MRL-206N-40M-0	B223J5ZQ2
MRL-206N-40M	B223J5ZQ ❶
MRL-206P-30M-0	B221J3ZQ2
MRL-206P-30M	B221J3ZQ ❶
MRL-206P-40M-0	B221J5ZQ2
MRL-206P-40M	B221J5ZQ ❶
MRL-206R-30M-0	B226J3ZQ2
MRL-206R-30M	B226J3ZQ ❶
MRL-206R-40M-0	B226J5ZQ2
MRL-206R-40M	B226J5ZQ ❶
MRL-306D-30M-0	B323J3ZQ2
MRL-306D-30M	B323J3ZQ ❶
MRL-306D-40M-0	B323J5ZQ2
MRL-306D-40M	B323J5ZQ ❶
MRL-406N-30M-0	B423J3ZQ2
MRL-406N-30M	B423J3ZQ ❶
MRL-406N-40M-0	B423J5ZQ2
MRL-406N-40M	B423J5ZQ ❶
MRV-106D-PC-30M-0	B123J73V3Q2
MRV-1060-PC-30M ❶	B123J73V3Q ❶
MRV-106D-PC-40M-0	B123J75V3Q2
MRV-106D-PC-40M ❶	B123J75V3Q ❶
MRV-106E-PC-30M-0	B121J73V3Q2

ALCO Part No.	Electroswitch Part No.
MRV-106E-PC-30M ❶	B121J73V3Q ❶
MRV-106E-PC-40M-0	B121J75V3Q2
MRV-106E-PC-40M ❶	B121J75V3Q ❶
MRV-106F-PC-30M-0	B126J73V3Q2
MRV-106F-PC-30M ❶	B126J73V3Q ❶
MRV-106F-PC-40M-0	B126J75V3Q2
MRV-106F-PC-40M ❶	B126J75V3Q ❶
MRV-206N-PC-30M-0	B223J73V3Q2
MRV-206N-PC-30M ❶	B223J73V3Q ❶
MRV-206N-PC-40M-0	B223J75V3Q2
MRV-206N-PC-40M ❶	B223J75V3Q ❶
MRV-206P-PC-30M-0	B221J73V3Q2
MRV-206P-PC-30M ❶	B221J73V3Q ❶
MRV-206P-PC-40M-0	B221J75V3Q2
MRV-206P-PC-40M ❶	B221J75V3Q ❶
MRV-206R-PC-30M-0	B226J73V3Q2
MRV-206R-PC-30M ❶	B226J73V3Q ❶
MRV-206R-PC-40M-0	B226J75V3Q2
MRV-206R-PC-40M ❶	B226J75V3Q ❶
MSP-105D	PB-12331ZQ ❷
MSP-105F	PB-12631ZQ ❷
MST-105D	A123S1YZQ
MST-105E	A121S1YZQ
MST-105F	A134S1YZQ
MST-105G	A127S1YZQ
MST-105H	A131S1YZQ
MST-115D	A123S1YZQ w/W-CAP-10A
MST-205N	A223S1YZQ
MST-205P	A221S1YZQ
MST-205PA	A232S1YZQ
MST-205R	A234S1YZQ
MST-205S	A227S1YZQ
MST-205SA	A235S1YZQ
MST-205T	A231S1YZQ
MST-205TA	A233S1YZQ
MST-215N	A223S1YZQ w/W-CAP-10A
MST-305D	A323S1YZQ
MST-305E	A321S1YZQ
MST-305F	A334S1YZQ
MST-305H	A331S1YZQ
MST-315D	A323S1YZQ w/W-CAP-10A
MST-405N	A423S1YZQ
MST-405P	A421S1YZQ
MST-415N	A423S1YZQ w/W-CAP-10A
MST-105D-PC	A123S1YCQ
MST-105E-PC	A121S1YCQ
MST-105F-PC	A126S1YCQ
MST-205N-PC	A223S1YCQ
MST-205P-PC	A221S1YCQ
MST-205PA-PC	A232S1YCQ

NOTE: ALCO Series MHL, MHV, MLD, MPA, MHL, MRV, MTA, MTB, MTE, MTP, MTG, MTL and MTM have molded-in terminals. If application requires sealing, Electroswitch can supply epoxy sealed terminals. Refer to Standard Option tables on pages 24 and 38 to determine correct part number.

❶ Refer to ordering table on page 24 for additional actuator colors and bezels.

❷ Depth behind panel not the same as ALCO.

Alcoswitch to Electroswitch Cross Reference

STANDARD MINIATURE SWITCHES

ALCO Part No.	Electroswitch Part No.
MTA-106D	A123S1YZQ
MTA-106D-PC	A123S1YCQ
MTA-106D-RA	A123M1DAQ
MTA-106D-VRA	A123M1DAVQ
MTA-106D-WW	A123S1YWB
MTA-106E	A121S1YZQ
MTA-106E-PC	A121S1YCQ
MTA-106E-RA	A121M1DAQ
MTA-106E-VRA	A121M1DAVQ
MTA-106E-WW	A121S1YWB
MTA-106F	A126S1YZQ
MTA-106F-PC	A126S1YCQ
MTA-106F-RA	A126M1DAQ
MTA-106F-VRA	A126M1DAVQ ❶
MTA-106G	A127S1YZQ
MTA-106G-PC	A127S1YCQ
MTA-106H	A131S1YZQ
MTA-106H-PC	A131S1YCQ
MTA-206N	A223S1YZQ
MTA-206N-PC	A223S1YCQ
MTA-206N-RA	A223M1DAQ
MTA-206N-VRA	A223M1DAVQ
MTA-206N-WW	A223S1YWB
MTA-206P	A221S1YZQ
MTA-206P-PC	A221S1YCQ
MTA-206P-RA	A221M1DAQ
MTA-206P-VRA	A221M1DAVQ
MTA-206P-WW	A221S1YWB
MTA-206PA	A232S1YZQ
MTA-206PA-PC	A232S1YCQ
MTA-206R	A226S1YZQ
MTA-206R-PC	A226S1YCQ
MTA-206R-RA	A226M1DAQ
MTA-206R-VRA	A226M1DAVQ ❶
MTA-206S	A227S1YZQ
MTA-206S-PC	A227S1YCQ
MTA-206SA	A235S1YZQ
MTA-206SA-PC	A235S1YCQ
MTA-206T	A231S1YZQ
MTA-206T-PC	A231S1YCQ
MTA-206TA	A233S1YZQ
MTA-306D	A323S1YZQ
MTA-306D-PC	A323S1YCQ
MTA-306D-WW	A323S1YWB
MTA-306E	A321S1YZQ
MTA-306E-PC	A321S1YCQ
MTA-306G	A331S1YZQ
MTA-306H-PC	A331S1YCQ
MTA-406N	A423S1YZQ
MTA-406N-PC	A423S1YCQ
MTA-406N-WW	A423S1YWB
MTA-406P	A421S1YZQ
MTA-406P-PC	A421S1YCQ
MTA-406PA	A432S1YZQ
MTA-406PA-PC	A432S1YCQ
MTB-106D	A123L44YZQ
MTB-106E	A121L44YZQ
MTB-106F	A126L44YZQ
MTB-106G	A127L44YZQ
MTB-106H	A131L44YZQ
MTB-206N	A223L44YZQ
MTB-206P	A221L44YZQ
MTB-206PA	A232L44YZQ
MTB-206R	A226L44YZQ
MTB-206S	A227L44YZQ
MTB-206T	A231L44YZQ
MTB-306D	A323L44YZQ
MTB-406D	A423L44YZQ
MTE-106D	A123S1CWZQ
MTE-106E	A121S1CWZQ
MTE-106F	A126S1CWZQ
MTE-106G	A127S1CWZQ
MTE-106H	A131S1CWZQ
MTE-206N	A223S1CWZQ
MTE-206P	A221S1CWZQ
MTE-206PA	A232S1CWZQ
MTE-206R	A226S1CWZQ
MTE-206S	A227S1CWZQ
MTE-206T	A231S1CWZQ
MTE-306D	A323S1CWZQ
MTE-306E	A321S1CWZQ
MTE-406N	A423S1CWZQ
MTE-406P	A421S1CWZQ
MTF-106D	A123P32YZQ
MTF-106E	A121P32YZQ
MTF-106F	A126P32YZQ
MTF-106G	A127P32YZQ
MTF-106H	A131P32YZQ
MTF-126D	A123P31YZQ
MTF-126E	A121P31YZQ
MTF-126F	A126P31YZQ
MTF-126G	A127P31YZQ
MTF-126H	A131P31YZQ
MTF-206N	A223P32YZQ
MTF-206P	A221P32YZQ
MTF-206PA	A232P32YZQ
MTF-206R	A226P32YZQ
MTF-206S	A227P32YZQ
MTF-206SA	A235P32YZQ
MTF-206T	A231P32YZQ
MTF-226N	A223P31YZQ
MTF-226P	A221P31YZQ
MTF-226PA	A233P31YZQ
MTF-226R	A226P31YZQ
MTF-226S	A227P31YZQ
MTF-226SA	A235P31YZQ
MTF-226T	A231P31YZQ
MTF-306N	A323P32YZQ
MTF-326N	A323P31YZQ
MTF-406N	A423P32YZQ
MTF-426N	A423P31YZQ
MTG-106D	A123T11TZQ
MTG-106E	A121T11TZQ
MTG-206N	A223T11TZQ
MTG-206N-PC	A223T11TCQ
MTG-206P	A221T11TZQ
MTG-306D	A323T11TZQ
MTG-406N	TA423T11TZQ
MTL-106D	A123K12KZQ
MTL-106E	A121K12KZQ
MTL-206N	A223K12KZQ
MTL-206P	A221K12KZD
MTL-206PA	A232K12KZQ
MTL-306D	A323K12KZQ
MTL-406N	A423K12KZQ
MTL-406PA	A432K12KZQ
MTM-106D-PC	A123M1DCQ
MTM-106D-RA	A123M1D9AQ
MTM-106D-VRA	A123M1D9AVQ
MTM-106E-PC	A121M1DCQ
MTM-106E-RA	A121M1D9AQ
MTM-106E-VRA	A121M1D9AVQ
MTM-106F-PC	A126M1DCQ
MTM-106F-RA	A126M1D9AQ
MTM-106F-VRA	A126M1D9AVQ ❶
MTM-106G-PC	A127M1DCQ
MTM-106H-PC	A131M1DCQ
MTM-206N-PC	A223M1DCQ
MTM-206N-BA	A223M1D9AQ
MTM-206N-VRA	A223M1D9AVQ
MTM-206P-PC	A221M1DCQ
MTM-206P-RA	A221M1D9AQ
MTM-206P-VRA	A221M1D9AVQ
MTM-206PA-PC	A233M1DCQ
MTM-206R-PC	A226M1DCQ
MTM-206R-RA	A226M1D9AQ
MTM-206R-VRA	A226M1D9AVQ ❶
MTM-206S-PC	A227M1DCQ
MTM-206T-PC	A231M1DCQ
MTM-306D-PC	A323M1DCQ
MTM-406N-PC	A423M1DCQ

NOTE: ALCO Series MHL, MHV, MLD, MPA, MRL, MRV, MTA, MTB, MTE, MTF, MTG, MTL and MTM have molded-in terminals. If application requires sealing, Electroswitch can supply epoxy sealed terminals. Refer to Standard Option tables on pages 24 and 38 to determine correct part number.

❶ Momentary position opposite that of ALCO. See Note ❼ on page 64.

Alcoswitch to Electroswitch Cross Reference

WASHABLE MINIATURE SWITCHES

ALCO Part No.	Electroswitch Part No.
AE101J1AB0	WR123J71AB2
AE101J1AV2B0	WR123J71AV2B2
AE101J1V3B0	WR123J71V3B2
AE101J1ZQ0	WR123J1ZQ2
AE101J2AB0	WP123J72AB2
AE101J2AV2B0	WP123J72AV2B2
AE101J2V3B0	WP123J72V3B2
AE101J2ZQ0	WP123J2ZQ2
AF101LD1ZQ	WT123L01D1ZQ
AE101L1D1ZQ	WT123L11D1ZQ
AE101L2D1ZQ	WT123L21D1ZQ
AE101MD1AB	WT123M1D1AB
AE101MD1AV2B	WT123M1D1AV2B
AE101MD1V30B	WT123M1D1V30B
AE101MD1ZQ	WT123M1D1ZQ
AE101SD1AB	WT123S1D1AB
AE101SD1AV2B	WT123S1D1AV2B
AE101SD1V30B	WT123S1D1V30B
AE101SD1ZQ	WT123S1D1ZQ
AE103J1AB0	WR121J71AB2
AE103J1AV2B0	WR121J71AV2B2
AE103J1V3B0	WR121J71V3B2
AE103J1ZQ0	WR121J1ZQ2
AE103J2AB0	WP121J72AB2
AE103J2AV2B0	WP121J72AV2B2
AE103J2V3B0	WP121J72V3B2
AE103J2ZQ0	WP121J2ZQ2
AE103LD1ZQ	WT121L01D1ZQ
AE103L1D1ZQ	WT121L11D1ZQ
AE103L2D1ZQ	WT121L21D1ZQ
AE103MD1AB	WT121M1D1AB
AE103MDAV2B	WT121M1D1AV2B
AE103MDV30B	WT121M1D1V30B
AE103MDZQ	WT121M1D1ZQ
AE103SD1AB	WT121S1D1AB
AE103SD1AV2B	WT121S1D1AV2B
AE103SD1V30B	WT121S1D1V30B
AE103SD1ZQ	WT121S1D1ZQ
AE105J1AB0	WR127J71AB2
AE105J1AV2B0	WR127J71AV2B2
AE105J1V3B0	WR127J71V3B2
AE105J1ZQ0	WR127J1ZQ2
AE105J2AB0	WP127J72AB2
AE105J2AV2B0	WP127J72AV2B2
AE105J2V3B0	WP127J72V3B2
AE105J2ZQ0	WP127J2ZQ2
AE105LD1ZQ	WT127L01D1ZQ
AE105L1D1ZQ	WT127L11D1ZQ
AE105L2D1ZQ	WT127L21D1ZQ
AE105MD1AB	WT127M1D1AB
AE105MD1AV2B	WT127M1D1AV2B
AE105MD1V30B	WT127M1D1V30B
AE105MD1ZQ	WT127M1D1ZQ
AE105SD1AB	WT127S1D1AB
AE105SD1AV2B	WT127S1D1AV2B
AE105SD1V30B	WT127S1D1V30B
AE105SD1ZQ	WT127S1D1ZQ
AE107J1AB0	WR131J71AB2
AE107J1AV2B0	WR131J71AV2B2 ❶
AE107J1V3B0	WR131J71V3B2

❶ Momentary position opposite that of ALCO. See Notes ❺ or ❼ on page 66.

WASHABLE MINIATURE SWITCHES

ALCO Part No.	Electroswitch Part No.	ALCO Part No.	Electroswitch Part No.	ALCO Part No.	Electroswitch Part No..	ALCO Part No.	Electroswitch Part No.
AE107J12Q0	WR131J1ZQ2	AE203J1AV2B0	WR221J71AV2B2	AE207SD1ZQ	WT231S1D1ZQ	AE213SD1AV2B	WT233S1D1AV2B ❶
AE107J2AB0	WP131J72AB2	AE203J1V3B0	WR221J71V3B2	AE208J1AB0	WR226J71AB2	AE213SD1V30B	WT233S1D1V30B
AE107J2AV2B0	WP131J72AV2B2 ❶	AE203J1ZQ0	WR221J1ZQ2	AE208J1AV2B0	WR226J71AV2B2 ❶	AE213SD1ZQ	WT233S1D1ZQ
AE107J2V3B0	WP131J72V3B2	AE203J2AB0	WP221J72AB2	AE208J1V3B0	WR226J71V3B2	AE215J1AB0	WR235J71AB2
AE107J2ZQ0	WP131J2ZQ2	AE203J2AV2B0	WP221J72AV2B2	AE208J1ZQ0	WR226J1ZQ2	AE215J1AV2B0	WR235J71AV2B
AE107LD1ZQ	WT131L01D1ZQ	AE203J2V2B0	WP221J72V3B2	AE208J2AB0	WP226J72AB2	AE215J1V3B0	WR235J1V3B2
AE107L1D1ZQ	WT131L11D1ZQ	AE203L2ZQ0	WP221J2ZQ	AE208J2AV2B0	WP226J72AV2B2 ❶	AE215J1ZQ0	WR235J1ZQ2
AE107L2D1ZQ	WT131L21D1ZQ	AE203LD1ZQ	WT221L01D1ZQ	AE208J2V3B0	WP226J72V3B2	AE215J2AB0	WP235J2AB2
AE107MD1AB	WT131M1D1AB	AE203L1D1ZQ	WT221L11D1ZQ	AE208J2ZQ0	WP226J2ZQ2	AE215J2AV2B0	WP235J2AV2B2
AE107MD1AV2B	WT131M1D1AV2B ❶	AE203L2D1ZQ	WT221L21D1ZQ	AE208LD1ZQ	WT226L01Q1ZQ	AE215J2V3B0	WP235J2V38
AE107MD1V30B	WT131M1D1V30B	AE203MD1AB	WT221M1D1AB	AE208L1D1ZQ	WT226L11D1ZQ	AE215J2ZQ0	WP235J2ZQ2
AE107MD1ZQ	WT131M1D1ZQ	AE203MDAV2B	WT221M1D1AV2B	AE208L2D1ZQ	WT226L21D1ZQ	AE215LD1ZQ	WT235L01D1ZQ
AE107SD1AB	WT131S1D1AB	AE203MDV30B	WT221M1D1V30B	AE208MD1AB	WT226M1D1AB	AE215L1D1ZQ	WT235L11D1ZQ
AE107SD1AV2B	WT131S1D1AV2B ❶	AE203MDZQ	WT221M1D1ZQ	AE208MD1AV2B	WT226M1D1AV2B ❶	AE215L2D1ZQ	WT235L21D1ZQ
AE107SD1V30B	WT131S1D1V30B	AE203SD1AB	WT221S1D1AB	AE208MD1V30B	WT226M1D1V30B	AE215MD1AB	WT235M1D1AB
AE107SD1ZQ	WT131S1D1ZQ	AE203SD1AV2B	WT221S1D1AV2B	AE208MD1ZQ	WT126M1D1ZQ	AE215MD1AV2B	WT235M1D1AV2B
AE108J1AB0	WR126J71AB2	AE203SD1V30B	WT221S1D1V30B	AE208SD1AB	WT226S1D1AB	AE215MD1V30B	WT235M1D1V30B
AE108J1AV2B0	WR126J71AV2B2 ❶	AE203SD1ZQ	WT221S1D1ZQ	AE208SD1AV2B	WT226S1D1AV2B ❶	AE215MD1ZQ	WT235M1D1ZQ
AE108J1V3B0	WR126J71V3B2	AE205J1AB0	WR227J71AB2	AE208SD1V30B	WT226S1D1V30B	AE215SD1AB	WT235S1D1AB
AE108J1ZQ0	WR126J71ZQ2	AE205J1AV2B0	WR227J71AV2B2	AE208SD1ZQ	WT226S1D1ZQ	AE215SD1AV2B	WT235S1D1AV2B
AE108J2AB0	WP126J72AB2	AE205J1V3B0	WR227J71V3B2	AE211J1AB0	WT232J71AB2	AE215SD1V30B	WT235S1D1V30B
AE108J2AV2B0	WP126J72AV2B2 ❶	AE205J1ZQ0	WR227J1ZQ2	AE211J1AV2B0	WR232J71AV2B	AE215SD1ZQ	WT235S1D1ZQ
AE108J2V3B0	WP126J72V3B2	AE205J2AB0	WP227J72AB2	AE211J1V3B0	WR232J71V3B2		
AE108J2ZQ0	WP126J2ZQ2	AE205J2AV2B0	WP227J72AV2B2	AE211J1ZQ0	WR232J1ZQ2		
AE108LD1ZQ	WT126L01D1ZQ	AE205J2V3B0	WP227J72V3B2	AE211J2AB0	WP232J72AB2		
AE108L1D1ZQ	WT126L11D1ZQ	AE205J2ZQ0	WP227J2ZQ2	AE211J2AV2B0	WP232J72AV2B2		
AE108L2D1ZQ	WT126L21D1ZQ	AE205LD1ZQ	WT227L01D1ZQ	AE211J2V3B0	WP232J72V3B2		
AE108MD1AB	WT126M1D1AB	AE205L1D1ZQ	WT227L11D1ZQ	AE211J2ZQ0	WP232J2ZQ2		
AE108MD1AV2B	WT126M1D1AV2B ❶	AE205L2D1ZQ	WT227L21D1ZQ	AE211LD1ZQ	WT232L01D1ZQ		
AE108MD1V30B	WT126M1D1V30B	AE205MD1AB	WT227M1D1AB	AE211D1ZQ	WT232L11D1ZQ		
AE108MD1ZQ	WT126M1D1ZQ	AE205MD1AV2B	WT227M1D1AV2B	AE211L2D1ZQ	WT232L21D1ZQ		
AE108SD1AB	WT126S1D1AB	AE205MD1V30B	WT227M1D1V30B	AE211MD1AB	WT232M1D1AB		
AE108SD1AV2B	WT126S1D1AV2B ❶	AE205MD1ZQ	WT227M1D1ZQ	AE211MD1AV2B	WT232M1D1AV2B		
AE108SD1V30B	WT126S1D1V30B	AE205SD1AB	WT227S1D1AB	AE211MD1V30B	WT232M1D1V30B		
AE108SD1ZQ	WT126S1D1ZQ	AE205SD1AV2B	WT227S1D1AV2B	AE211MD1ZQ	WT232M1D1ZQ		
AE201J1AB0	WR223J71AB2	AE205SD1V30B	WT227S1D1V30B	AE211SD1AB	WT232S1D1AB		
AE201J1AV2B0	WT223J71AV2B2	AE205SD1ZQ	WT227S1D1ZQ	AE211SD1AV2B	WT232S1D1AV2B		
AE201J1V3B0	WR223J71V3B2	AE207J1AB0	WR231J71AB2	AE211SD1V30B	WT232S1D1V30B		
AE201J1ZQ0	WR223J1ZQ2	AE207J1AV2B0	WR231J71AV2B2	AE211SD1ZQ	WT232S1D1ZQ		
AE201J2AB0	WP223J72AB2	AE207J1V3B0	WR231J71V3B2	AE213J1AB0	WR233J71AB2		
AE201J2AV2B0	WP223J72AV2B2	AE207J1ZQ0	WR231J1ZQ2	AE213J1AV2B0	WR233J71AV2B2 ❶		
AE201J2V3B0	WP223J72V3B2	AE207J2AB0	WP231J72AB2	AE213J1V3B0	WR233J71V3B2		
AE201J2ZQ0	WP223J2ZQ2	AE207J2AV2B0	WP231J72AB2B2 ❶	AE213J1ZQ0	WR233J1ZQ2		
AE201LD1ZQ	WT223L01D1ZQ	AE207J2V3B0	WP231J72V3B2	AE213J2AB0	WP233J72AB2		
AE201L1D1ZQ	WT223L11D1ZQ	AE207J2ZQ0	WP231J2ZQ2	AE213J2AV2B0	WP233J72AV2B2 ❶		
AE201L2D1ZQ	WT223L21D1ZQ	AE207LD1ZQ	WT231L01D1ZQ	AE213J2V3B0	WP233J72V3B2		
AE201MD1AB	WT223M1D1AB	AE207L1D1ZQ	WT231L11D1ZQ	AE213J2ZQ0	WP233J2ZQ2		
AE201MD1AV2B	WT223M1D1AV2B	AE207L2D1ZQ	WT231L21D1ZQ	AE213LD1ZQ	WT233L01D1ZQ		
AE201MD1V30B	WT223M1D1V30B	AE207MD1AB	WT231M1D1AB	AE213L1D1ZQ	WT233L11D1ZQ		
AE201MD1ZQ	WT223M1D1ZQ	AE207MD1AV2B	WT231M1D1AV2B ❶	AE213L2D1ZQ	WT233L21D1ZQ		
AE201SD1AB	WT223S1D1AB	AE207MD1V30B	WT231M1D1V30B	AE213MD1AB	WT233M1D1AB		
AE201SD1AV2B	WT223S1D1AV2B	AE207MD1ZQ	WT231M1D1ZQ	AE213MD1AV2B	WT233M1D1AV2B ❶		
AE201SD1V30B	WT223S1D1V30B	AE207SD1AB	WT231S1D1AB	AE213MD1V30B	WT233M1D1V30B		
AE201SD1ZQ	WT223S1D1ZQ	AE207SD1AV2B	WT231S1D1AV2B ❶	AE213MD1ZQ	WT233M1D1ZQ		
AE203J1AB0	WR221J71AB2	AE207SD1V30B	WT231S1D1V30B	AE213SD1AB	WT233S1D1AB		

❶ Momentary position opposite that of ALCO. See Notes ❺ or ❼ on page 66.

C&K to Electroswitch Cross Reference

STANDARD MINIATURE SWITCHES

C&K Part No.	Electroswitch Part No.
5101ZQ	SC11CWN191
5103ZQ	SC11BWN191
5105ZQ	SC11JWN191
5107ZQ	SC11FWN191
5108ZQ	SC11GWN191
5201ZQ	SC12CWN191
5203ZQ	SC12BWN191
5205ZQ	SC12JWN191
5207ZQ	SC12FWN191
5208ZQ	SC12GWN191
5600ZB	SC12LWN191
7002	W-NU-11
7003-2	W-WA-20
7003-3	W-WA-16
7007	W-RI-12
7062 White	W-CAP-10A
7062 Black	W-CAP-10D
7062 Red	W-CAP-10C
7062 Orange	W-CAP-10F
7062 Yellow	W-CAP-10G
7062 Green	W-CAP-10H
7062 Blue	W-CAP-10B
7062 Brown	W-CAP-10E
7062 Grey	W-CAP-10J
7071	W-NU-10A
7072	W-RI-10
7089 White	W-KN-16A
7089 Black	W-KN-16
7089 Red	W-KN-16B
7099	W-NU-19B
7101J1V3B	B123J71V3B2
J1ZQ	B123J1ZQ2
J2V3B	B123J72ZQ2
J2ZQ	B123J2ZQ2
J3ZQ	B123J3ZQ2
7101J5ZQ	B123J5ZQ2
J11ZQ	B123J11ZQ22M
J21ZQ	B123J21ZQ22M
J50ZQ	B123J50ZQ2
J53ZQ	B123J53ZQ2
7101J60ZQ	B123J60ZQ2
J63ZQ	B126J63ZQ2
K1ZQ	A123K12KZQ
L1YZQ	A123L11YZQ
L3YZQ	A123L34YZQ
7101LYZQ	A123L01YZQ
MD9AB	A123M1D9AB
MD9AVB	A123M1D9AVB
MD9AV2B	A123M1D9AV2B
MD9V30B	A123M1D9V30B
7101MD9V60B	A123M1D9V60B
MDRQ	A123M1DRQ
MDR2Q	A123M1DR2Q
P1YZQ	A123P11YZQ
P3YZQ	A123P31YZQ
7101P4YZQ	A123P41YZQ
SCWZQ	A123S1CWZQ
SHZQ	A123S1HZQ
SPYZQ	A123S1H3ZQP
SYCQ	A123S1YCQ
7101SYWBE	A123S1YWB
SYZB	A123S1YZB
SYZQ	A123S1YZQ
7101SYZ3QE	A123S1YZ3Q
T1CWYZQ	A123T11TWZQ
T1ZQ	A123T11TZQ
7103J1V3B	B121J71V3B2
J1ZQ	B121J1ZQ2
J2V3B	B121J72V3B2
J2ZQ	B121J1ZQ2
J3ZQ	B121J3ZQ2
7103J5ZQ	B121J5ZQ2
J11ZQ	B121J11ZQ22M
J21ZQ	B121J21ZQ22M
J50ZQ	B121J50ZQ2
J53ZQ	B121J53ZQ2
7103J60ZQ	B121J60ZQ2
J63ZQ	B121J63ZQ2
K1ZQ	A121K11KZQ
L1YZQ	A121L11YZQ
L3YZQ	A121L34YZQ
7103LYZQ	A121L01YZQ
MD9AB	A121M1D9AB
MD9AVB	A121M1D9AVB
MD9AV2B	A121M1D9AV2B
MD9V30B	A121M1D9V30B
7103MD9V60B	A121M1D9V60B
MDRQ	A121M1DRQ
MDR2Q	A121M1DR2Q
P1YZQ	A121P11YZQ
P3YZQ	A121P31YZQ
7103P4YZQ	A121P41YZQ
SCWZQ	A121S1CWZQ
SHZQ	A121S1HZQ
SPYZQ	A121S1H3ZQP
SYCQ	A121S1YCQ
7103SYWBE	A121S1YWB
SYZB	A121S1YZB
SYZQ	A121S1YZQ
SYZ3QE	A121S1YZ3Q
T1CWYZQ	A121T11TWZQ
7103T1ZQ	A121T11TZQ
7105J1ZQ	B127J1ZQ2
J1V3B	B127J71V3B2
J2ZQ	B127J2ZQ2
J2V3B	B127J72V3B2
J3ZQ	B127J3ZQ2
7105J5ZQ	B127J5ZQ2
J11ZQ	B127J11ZQ22M
J21ZQ	B127J21ZQ22M
J50ZQ	B127J50ZQ2
J53ZQ	B127J53ZQ2
7105J60ZQ	B127J60ZQ2
J63ZQ	B127J63ZQ2
L1YZQ	A127L11YZQ
L3YZQ	A127L34YZQ
LYZQ	A127L01YZQ
7105MD9AB	A127M1D9AB
MD9AVB	A127M1D9AVB
MD9AV2B	A127M1D9AV2B
MD9V30B	A127M1D9V30B
MD9V60B	A127M1D9V60B
7105MDRQ	A127M1DRQ
MDR2Q	A127M1DR2Q
P1YZQ	A127P11YZQ
P3YZQ	A127P31YZQ
7105P4YZQ	A127P41YZQ
SCWZQ	A127S1CWZQ
SHZQ	A127S1HZQ
SPYZQ	A127S1H3ZQP
SYCQ	A127S1YCQ
7105SYWBE	A127S1YWB
SYZB	A127S1YZB
SYZQ	A127S1YZQ
SYZ3QE	A127S1YZ3Q
7107J1V3B	B131J71V3B2
J1ZQ	B131J1ZQ2
J2V3B	B131J72V3B2
J2ZQ	B131J2ZQ2
J3ZQ	B131J3ZQ2
7107J5ZQ	B131J5ZQ2
J11ZQ	B131J11ZQ22M
J21ZQ	B131J21ZQ22M
J50ZQ	B131J50ZQ2
J53ZQ	B131J53ZQ2
7107J60ZQ	B131J60ZQ2
J63ZQ	B131J63ZQ2
L1YZQ	A131L11YZQ
L3YZQ	A131L34YZQ
LYZQ	A131L01YZQ
7107MD9AB	A131M1D9AB
MD9AVB	A131M1D9AVB ❶
MD9AV2B	A131M1D9AV2B ❶
MD9V30B	A131M1D9V30B
MD9V60B	A131M1D9V60B
7107MDRQ	A131M1DRQ
MDR2Q	A131M1DR2Q
P1YZQ	A131P11YZQ
P3YZQ	A131P31YZQ
P4YZQ	A131P41YZQ
7107SCWZQ	A131S1CWZQ
SHZQ	A131S1HZQ
SPYZQ	A131S1H3ZQP
SYCQ	A131S1YCQ
SYWBE	A131S1YWB
7107SYZB	A131S1YZB
SYZQ	A131S1YZQ
SYZ3QE	A131S1YZ3Q
7108J1V3B	B126J71V3B2
J1ZQ	B126J1ZQ2
J2V3B	B126J72V3B2
J2ZQ	B126J2ZQ2
J3ZQ	B126J3ZQ2
7108J5ZQ	B126J5ZQ2
J11ZQ	B126J11ZQ22M
J21ZQ	B126J21ZQ22M
J50ZQ	B126J50ZQ2
J53ZQ	B126J53ZQ2
7108J60ZQ	B126J60ZQ2
J63ZQ	B126J63ZQ2
L1YZQ	A126L11YZQ
L3YZQ	A126L34YZQ
LYZQ	A126L01YZQ
7108MD9AB	A126M1D9AB
MD9AVB	A126M1D9AVB ❶
MD9AV2B	A126M1D9AV2B ❶
MD9V30B	A126M1D9V30B
MD9V60B	A126M1D9V60B
7108MDRQ	A126M1DRQ
7108MDR2Q	A126M1DR2Q
P1YZQ	A126P11YZQ
P3YZQ	A126P31YZQ
P4YZQ	A126P41YZQ
SCWZQ	A126S1CWZQ
7108SHZQ	A126S1HZQ
SPYZQ	A126S1H3ZQP
SYCQ	A126S1YCQ
SYWBE	A126S1YWB
SYZB	A126S1YZB
7108SYZQ	A126S1YZQ
SYZ3QE	A126S1YZ3Q
7109L1YZQ	A134L11YZQ
L3YZQ	A134L34YZQ
LYZQ	A134L01YZQ
MD9AB	A134M1D9AB
MD9AVB	A134M1D9AVB
7109MD9AV2B	A134M1D9AV2B
MD9V30B	A134M1D9V30B
MD9V60B	A134M1D9V60B
MDRQ	A134M1DRQ
MDR2Q	A134M1DR2Q
7109P1YZQ	A134P11YZQ
P3YZQ	A134P31YZQ
P4YZQ	A134P41YZQ
SCWZQ	A134S1CWZQ
SHZQ	A134S1HZQ
7109SPYZQ	A134S1H3ZQP
SYCQ	A134S1YCQ
SYWBE	A134S1YWB
SYZB	A134S1YZB
SYZQ	A134S1YZQ
7109SYZ3QE	A134S1YZ3Q
7201J1V3B	B223J71V3B2
J1ZQ	B223J1ZQ2
J2V3B	B223J72V3B2
J2ZQ	B223J2ZQ2
J3ZQ	B223J3ZQ2
7201J5ZQ	B223J5ZQ2
J11ZQ	B223J11ZQ22M
J21ZQ	B223J21ZQ22M
J50ZQ	B223J50ZQ2
J53ZQ	B223J53ZQ2
7201J60ZQ	B223J60ZQ2
J63ZQ	B223J63ZQ2
K1ZQ	A223K11KZQ
L1YZQ	A223L11YZQ
L3YZQ	A223L34YZQ
7201LYZQ	A223L01YZQ
MD9AB	A223M1D9AB
MD9AVB	A223M1D9AVB
MD9AV2B	A223M1D9AV2B
MD9V30B	A223M1D9V30B
7201MD9V60B	A223M1D9V60B
P1YZQ	A223P11YZQ
P3YZQ	A223P31YZQ
P4YZQ	A223P41YZQ
SCWZQ	A223S1CWZQ
7201SHZQ	A223S1HZQ
SPYZQ	A223S1H2ZQP
SYCQ	A223S1YCQ
SYWBE	A223S1YWB

NOTE: Electroswitch J11 & J21 Series require different panel cut out than C&K.
Electroswitch SC11 and SC12 Series require the use of style B bezel in order to fit in same panel cut out as C&K.
For other combinations of C&K part numbers see Toggle and Rocker Switch Cross References on pages 64 and 65.

❶ Momentary position opposite that of C&K. See Note ❼ on page 64.

STANDARD MINIATURE SWITCHES

C&K Part No.	Electroswitch Part No.
7201SYZB	A223S1YZB
SYZQ	A223S1YZQ
SYZ3QE	A223S1YZ3Q
T1CWYZQ	A223T11TWZQ
T1ZQ	A223T11TZQ
7203J1V3B	B221J71V3B2
J2V3B	B221J72V3B2
J1ZQ	B221J1ZQ2
J2ZQ	B221J2ZQ2
J3ZQ	B221J3ZQ2
7203J5ZQ	B221J5ZQ2
J11ZQ	B221J11ZQ22M
J21ZQ	B221J21ZQ22M
J50ZQ	B221J50ZQ2
J53ZQ	B221J53ZQ2
7203J60ZQ	B221J60ZQ2
J63ZQ	B221J63ZQ2
K1ZQ	A221K11KZQ
L1YZQ	A221L11YZQ
L3YZQ	A221L34YZQ
7203LYZQ	A221L01YZQ
MD9AB	A221M1D9AB
MD9AVB	A221M1D9AVB
MD9AV2B	A221M1D9AV2B
MD9V30B	A221M1D9V30B
7203MD9V60B	A221M1D9V60B
P1YZQ	A221P11YZQ
P3YZQ	A221P31YZQ
P4YZQ	A221P41YZQ
SCWZQ	A221S1CWZQ
7203SHZQ	A221S1HZQ
SPYZQ	A221S1H3ZQP
SYCQ	A221S1YCQ
SYWBE	A221S1YWB
SYZB	A221S1YZB
7203SYZQ	A221S1YZQ
SYZ3QE	A221S1YZ3Q
T1CWYZQ	A221T11TWZQ
T1ZQ	A221T11TZQ
7205J1V3B	B227J71ZQ2
J2V3B	B227J72ZQ2
J1ZQ	B227J1ZQ2
J2ZQ	B227J2ZQ2
J3ZQ	B227J3ZQ2
7205J5ZQ	B227J5ZQ2
J11ZQ	B227J11ZQ22M
J21ZQ	B227J21ZQ22M
J50ZQ	B227J50ZQ2
J53ZQ	B227J53ZQ2
7205J60ZQ	B227J60ZQ2
J63ZQ	B227J63ZQ2
L1YZQ	A227L11YZQ
L3YZQ	A227L34YZQ
LYZQ	A227L01YZQ
7205MD9AB	A227M1D9AB
MD9AVB	A227M1D9AVB
MD9AV2B	A227M1D9AV2B
MD9V30B	A227M1D9V30B
MD9V60B	A227M1D9V60B
7206P1YZQ	A227P11YZQ
P3YZQ	A227P31YZQ
P4YZQ	A227P41YZQ
SCWZQ	A227S1CWZQ
7205SHZQ	A227S1HZQ
SPYZQ	A227S1H3ZQP
SYCQ	A227S1YCQ
SYWBE	A227S1YWB
SYZB	A227S1YZB
7205SYZQ	A227S1YZQ
SYZ3QE	A227S1YZ3Q
7207J1V3B	B231J71V3B2
J1ZQ	B231J1ZQ2
J2V3B	B231J72V3B2
J2ZQ	B231J2ZQ2
J3ZQ	B231J3ZQ2
7207J5ZQ	B231J5ZQ2
J11ZQ	B231J11ZQ22M
J21ZQ	B231J21ZQ22M
J50ZQ	B231J50ZQ2
J53ZQ	B231J53ZQ2
7207J60ZQ	B231J60ZQ2
J63ZQ	B231J63ZQ2
L1YZQ	A231L11YZQ
L3YZQ	A231L34YZQ
LYZQ	A231L01YZQ
7207MD9AB	A231M1D9AB
MD9AVB	A231M1D9AVB ❶
MD9AV2B	A231M1D9AV2B ❶
MD9V30B	A231M1D9V30B
MD9V60B	A231M1D9V60B
7207P1YZQ	A231P11YZQ
P3YZQ	A231P31YZQ
P4YZQ	A231P41YZQ
SCWZQ	A231S1CWZQ
SHZQ	A231S1HZQ
7207SPYZQ	A231S1H3ZQ
SYCQ	A231S1YCQ
SYWBE	A231S1WB
SYZB	A231S1YZB
SYZQ	A231S1YZQ
7207SYZ3QE	A231S1YZ3Q
7208J1V3B	B226J71V3B2
J1ZQ	B226J1V3B2
J2V3B	B226J72V3B2
J2ZQ	B226J1V3B2
J3ZQ	B226J3ZQ2
7208J5ZQ	B226J5ZQ2
J11ZQ	B226J11ZQ22M
J21ZQ	B226J21ZQ22M
J50ZQ	B226J50ZQ2
J53ZQ	B226J53ZQ2
7208J60ZQ	B226J60ZQ2
J63ZQ	B226J63ZQ2
L1YZQ	A226L11YZB
L3YZQ	A226L34YZQ
LYZQ	A226L01YZQ
7208MD9AB	A226M1D9AB
MD9AVB	A226M1D9AVB ❶
MD9AV2B	A226M1D9AV2B ❶
MD9V30B	A226M1D9V30B
MD9V60B	A226M1D9V60B
7208P1YZQ	A226P11YZQ
P3YZQ	A226P31YZQ
P3YZQ	A226P41YZQ
SCWZQ	A226S1CWZQ
7208SHZQ	A226S1HZQ
SPYZQ	A226S1H3ZQP
SYWBE	A226S1YWB
SYZB	A226S1YZB
SYZQ	A226S1YZQ
7208SYZ3QE	A226S1YZ3Q
7209L1YZQ	A234L11YZQ
L3YZQ	A234L34YZQ
LYZQ	A234L01YZQ
MD9AB	A234M1D9AB
MD9AVB	A234M1D9AVB
7209MD9AV2B	A234M1D9AV2B
MD9V30B	A234M1D9V30B
MD9V60B	A234M1D9V60B
P1YZQ	A234P11YZQ
P3YZQ	A234P31YZQ
7209P4YZQ	A234P31YZQ
SCWZQ	A234S1CWZQ
SHZQ	A234S1HZQ
SPYZQ	A234S1H3ZQP
SYCQ	A234S1YCQ
7209SYWBE	A234S1YWB
SYZB	A234S1YZB
SYZQ	A234S1YZQ
SYZ3QE	A234S1YZ3Q
7211J1V3B	B232J71V3B2
J1ZQ	B232J1ZQ2
J2V3B	B232J72V3B2
J2ZQ	B232J2ZQ2
J3ZQ	B232J3ZQ2
7211J5ZQ	B232J5ZQ2
J11ZQ	B232J11ZQ22M
J21ZQ	B232J21ZQ22M
J50ZQ	B232J50ZQ2
J53ZQ	B232J53ZQ2
7211J60ZQ	B232J60ZQ2
J63ZQ	B232J63ZQ2
K1ZQ	A232K11KZQ
L1YZQ	A232L11YZQ
L3YZQ	A232L34YZQ
7211LYZQ	A232L01YZQ
MD9AB	A232M1D9AB
MD9AVB	A232M1D9AVB
MD9AV2B	A232M1D9AV2B
MD9V30B	A232M1D9B30B
7211MD9V60B	A232M1D9V60B
P1YZQ	A232P11YZQ
P3YZQ	A232P31YZQ
P4YZQ	A232P41YZQ
SCWZQ	A232S1CWZQ
7211SHZQ	A232S1HZQ
SPYZQ	A232S1H3ZQP
SYCQ	A232S1YCQ
SYWBE	A232S1YWB
SYZB	A232S1YZB
7211SYZQ	A232S1YZQ
SYZ3QE	A232S1YZ3Q
7213J1V3B	B233J71V3B2
J1ZQ	B233J1ZQ2
J2V3B	B233J72V3B2
J2ZQ	B233J2ZQ2
J3ZQ	B233J3ZQ2
7213J5ZQ	B233J5ZQ2
7213J11ZQ	B233J11ZQ22M
J21ZQ	B233J21ZQ22M
J50ZQ	B233J50ZQ2
J53ZQ	B233J53ZQ2
J60ZQ	B233J60ZQ2
7213J63ZQ	B233J63ZQ2
L1YZQ	A233L11YZQ
L3YZQ	A233L34YZQ
LYZQ	A233L01YZQ
MD9AB	A233M1D9AB
7213MD9AVB	A233M1D9AVB ❶
MD9AV2B	A233M1D9AV2B ❶
MD9V30B	A233M1D9V30B
MD9V60B	A233M1D9V60B
P1YZQ	A233P11YZQ
7213P3YZQ	A233P31YZQ
P4YZQ	A233P41YZQ
SCWZQ	A233S1CWZQ
SHZQ	A233S1HZQ
SPYZQ	A233S1H3ZQP
7213SYCQ	A233S1YCQ
SYWBE	A233S1YWB
SYZB	A233S1YZB
SYZQ	A233S1YZQ
SYZ3QE	A233S1YZ3Q
7215J1V3B	B235J7AV3B2
J1ZQ	B235J1ZQ2
J2V3B	B235J72ZQ2
J2ZQ	B235J2ZQ2
J3ZQ	B235J3ZQ2
7215J5ZQ	B235J5ZQ2
J11ZQ	B235J11ZQ22M
J21ZQ	B235J21ZQ22M
J50ZQ	B235J50ZQ2
J53ZQ	B235J53ZQ2
7215J60ZQ	B235J60ZQ2
J63ZQ	B235J63ZQ2
L1YZQ	A235L11YZQ
L3YZQ	A235L34YZQ
LYZQ	A235L01YZQ
7215MD9AB	A235M1D9AB
MD9AVB	A235M1D9AVB
MD9AV2B	A235M1D9AV2B
MD9V30B	A235M1D9V30B
MD9V60B	A235M1D9V60B
7215P1YZQ	A235P11YZQ
P3YZQ	A235P31YZQ
P4YZQ	A235P41YZQ
SCWZQ	A235S1CWZQ
SHZQ	A235S1HZQ
7215SPYZQ	A235S1H3ZQ
SYCQ	A235S1YCQ
SYWBE	A235S1YWB
SYZB	A235S1YZB
SYZQ	A235S1YZQ
7215SYZ3QE	A235S1YZ3Q
7301J1ZQ	B323J1ZQ2
J2ZQ	B323J2ZQ2
J3ZQ	B323J3ZQ2
J5ZQ	B323J5ZQ2
J11ZQ	B323J11ZQ22M
7301J21ZQ	B323J21ZQ22M
K1ZQ	A323K11KZQ

NOTE: Electroswitch J11 & J21 Series require different panel cut out than C&K.
Electroswitch SC11 and SC12 Series require the use of style B bezel in order to fit in same panel cut out as C&K.
For other combinations of C&K part numbers see Toggle and Rocker Switch Cross References on pages 64 and 65.
❶ Momentary position opposite that of C&K. See Note ❼ on page 64.

C&K to Electroswitch Cross Reference

STANDARD MINIATURE SWITCHES

C&K Part No.	Electroswitch Part No.	C&K Part No.	Electroswitch Part No.	C&K Part No.	Electroswitch Part No..	C&K Part No.	Electroswitch Part No.
7301L1YZQ	A323L11YZQ	7307J1ZQ	B331J1ZQ2	7403J2ZQ	B421J2ZQ2	7407SYZB	A431S1YZB
L3YZQ	A323L34YZQ	J2ZQ	B331J2ZQ2	J3ZQ	B421J3ZQ2	SYZQ	A431S1YZQ
LYZQ	A323L01YZQ	J3ZQ	B331J3ZQ2	J5ZQ	B421J5ZQ2	SYZ3QE	A431S1YZ3Q
MD9AVB	A323M1D9AVB	J5ZQ	B331J5ZQ2	J11ZQ	B421J11ZQ22M		
MD9AV2B	A323M1D9AV2B	J11ZQ	B331J11ZQ22M	J21ZQ	B421J21ZQ22M	7409L1YZQ	A434L11YZQ
						L3YZQ	A434L34YZQ
7301P1YZQ	A323P11YZQ	7307J21ZQ	B331J21ZQ22M	7403K1ZQ	A421K11KZQ	LYZQ	A434L01YZQ
P3YZQ	A323P31YZQ	L1YZQ	A331L11YZQ	L1YZQ	A421L11YZQ	MD9AVB	A434M1D9AVB
P4YZQ	A323P41YZQ	L3YZQ	A331L34YZQ	L3YZQ	A421L34YZQ	MC9AV2B	A434M1D9AV2B
SCWZQ	A323S1CWZQ	LYZQ	A331L01YZQ	LYZQ	A421L01YZQ		
SHZQ	A323S1HZQ	MD9AVB	A331M1D9AVB ❶	MD9AVB	A421M1D9AVB	7409P1YZQ	A434P11YZQ
						P3YZQ	A434P31YZQ
7301SPYZQ	A323S1H3ZQP	7307MD9AV2B	A331M1D9AV2B ❶	7403MD9AV2B	A421M1D9AV2B	P4YZQ	A434P41YZQ
SYCQ	A323S1YCQ	P1YZQ	A331P11YZQ	P1YZQ	A421P11YZQ	SCWZQ	A434S1CWZQ
SYWBE	A323S1YWB	P37ZQ	A331P31YZQ	P3YZQ	A421P31YZQ	SHZQ	A434S1HZQ
SYZB	A323S1YZB	P3YZQ	A331P41YZQ	P4YZQ	A421P41YZQ		
SYZQ	A323S1YZQ	SCWZQ	A331S1CWZQ	SCWZQ	A421S1CWZQ	7409SPYZQ	A434S1H3ZQP
						SYCQ	A434S1YCQ
7301SYZ3QE	A323S1YZ3Q	7307SHZQ	A331S1HZQ	7403SHZQ	A421S1HZQ	SYWBE	A434S1YWB
T1CWYZQ	A323T11TWZQ	SPYZQ	A331S1H2ZQP	SPYZQ	A421S1H3ZQP	SYZB	A434S1YZB
		SYCQ	A331S1YCQ	SYCQ	A421S1YCQ	SYZQ	A434S1YZQ
7303J1ZQ	B321J1ZQ2	SYWBE	A331S1YWB	SYWBE	A421S1YWB		
J2ZQ	B321J2ZQ2	SYZB	A331S1YZB	SYZB	A421S1YZB	7409SYZ3QE	A434S1YZ3Q
J3ZQ	B321J3ZQ2						
J5ZQ	B321J5ZQ2	7307SYZQ	A331S1YZQ	7403SYZQ	A421S1YZQ	7411J1ZQ	B432J1ZQ2
J11ZQ	B321J11ZQ22M	SYZ3QE	A331S1YZ3Q	SYZ3QE	A421S1YZ3Q	J2ZQ	B432J2ZQ2
						J3ZQ	B432J3ZQ2
7303J21ZQ	B321J21ZQ22M	7309L1YZQ	A334L11YZQ	7405J1ZQ	B427J1ZQ2	J5ZQ	B432J5ZQ2
K1ZQ	A321K11KZQ	L3YZQ	A334L34YZQ	J2ZQ	B427J2ZQ2	J11ZQ	B432J11ZQ22M
L1YZQ	A321L11YZQ	LYZQ	A334L01YZQ	J3ZQ	B427J3ZQ2		
L3YZQ	A321L34YZQ	MD9AVB	A334M1D9AVB	J5ZQ	B427J5ZQ2	7411J21ZQ	B432J21ZQ22M
LYZQ	A321L01YZQ	MD9AV2B	A334M1D9AV2B	J11ZQ	B427J11ZQ22M	L1YZQ	A432L11YZQ
						L3YZQ	A432L34YZQ
7303MD9AVB	A321M1D9AVB	7309P1YZQ	A334P11YZQ	7405J21ZQ	B427J21ZQ22M	LYZQ	A432L01YZQ
MD9AV2B	A321M1D9AV2B	P3YZQ	A334P31YZQ	L1YZQ	A427L11YZQ	MD9AVB	A432M1D9AVB
P1YZQ	A321P11YZQ	P4YZQ	A334P41YZQ	L3YZQ	A427L34YZQ		
P3YZQ	A321P31YZQ	SCWZQ	A334S1CWZQ	LYZQ	A427L01YZQ	7411MD9AV2B	A432M1D9AV2B
P4YZQ	A321P41YZQ	SHZQ	A334S1HZQ	MD9AVB	A427M1D9AVB	P1YZQ	A432P11YZQ
						P3YZQ	A432P31YZQ
7303SCWZQ	A321S1CWZQ	7309SPYZQ	A334S1H3ZQP	7405MD9AV2B	A427M1D9AV2B	P4YZQ	A432P41YZQ
SHZQ	A321S1HZQ	SYCQ	A334S1YCQ	P1YZQ	A427P11YZQ	SCWZQ	A432S1CWZQ
SPYZQ	A321S1H3ZQP	SYWBE	A334S1YWB	P3YZQ	A427P31YZQ		
SYCQ	A321S1YCQ	SYZB	A334S1YZB	P4YZQ	A427P41YZQ	7411SHZQ	A432S1HZQ
SYWBE	A321S1YWB	SYZQ	A334S1YZQ	SCWZQ	A427S1CWZQ	SPYZQ	A432S1H3ZQP
						SYCQ	A432S1YCQ
7303SYZB	A321S1YZB	7309SYZ3QE	A334S1YZ3Q	7405SHZQ	A427S1HZQ	SYWBE	A432S1YWB
SYZQ	A321S1YZQ			SPYZQ	A427S1H3ZQP	SYZB	A432S1YZB
SYZ3QE	A321S1YZ3Q	7401J1ZQ	B423J1ZQ2	SYCQ	A427S1YCQ		
		J2ZQ	B423J2ZQ2	SYWBE	A427S1YWB	7411SYZQ	A432S1YZQ
7305J1ZQ	B327J1ZQ2	J3ZQ	B423J3ZQ2	SYZB	A427S1YZB	SYZ3QE	A432S1YZ3Q
J2ZQ	B327J2ZQ2	J5ZQ	B423J5ZQ2				
J3ZQ	B327J2ZQ2	J11ZQ	B423J11ZQ22M	7405SYZQ	A427S1YZQ	7413J1ZQ	B433J1ZQ2
J5ZQ	B327J5ZQ2			SYZ3QE	A427S1YZ3Q	J2ZQ	B433J2ZQ2
J11ZQ	B327J11ZQ22M	7401J21ZQ	B423J21ZQ22M			J3ZQ	B433J3ZQ2
		K1ZQ	A423K11KZQ	7407J1ZQ	B431J1ZQ2	J5ZQ	B433J5ZQ2
7305J21ZQ	B327J21ZQ22M	L1YZQ	A423L11YZQ	J2ZQ	B431J2ZQ2	J11ZQ	B433J11ZQ22M
L1YZQ	A321L11YZQ	L3YZQ	A423L34YZQ	J3ZQ	B431J3ZQ2		
L3YZQ	A321L34YZQ	LYZQ	A423L01YZQ	J5ZQ	B431J5ZQ2	7413J21ZQ	B433J21ZQ22M
LYZQ	A321L01YZQ			J11ZQ	B431J11ZQ22M	L1YZQ	A433L11YZQ
MD9AVB	A321M1D9AVB	7401MD9AVB	A423M1D9AVB			L3YZQ	A433L34YZQ
		MD9AV2B	A423M1D9AV2B	7407J21ZQ	B431J21ZQ22M	LYZQ	A433L01YZQ
7305MD9AV2B	A321M1D9AV2B	P1YZQ	A423P11YZQ	L1YZQ	A431L11YZQ	MD9AVB	A433M1D9AVB ❶
P1YZQ	A321P11YZQ	P3YZQ	A423P31YZQ	L3YZQ	A431L34YZQ		
P3YZQ	A321P31YZQ	P4YZQ	A423P41YZQ	LYZQ	A431L01YZQ	7413MD9AV2B	A433M1D9AV2B ❶
P4YZQ	A321P41YZQ			MD9AVB	A431M1D9AVB ❶	P1YZQ	A433P11YZQ
SCWZQ	A321S1CWZQ	7401SCWZQ	A423S1CWZQ			P3YZQ	A433P31YZQ
		SHZQ	A423S1HZQ	7407MD9AV2B	A431M1D9AV2B ❶	P4YZQ	A433P41YZQ
7305SHZQ	A321S1HZQ	SPYZQ	A423S1H3ZQP	P1YZQ	A431P11YZQ	SCWZQ	A433S1CWZQ
SPYZQ	A321S1H3ZQ	SYCQ	A423S1YCQ	P3YZQ	A431P31YZQ		
SYCQ	A321S1YCQ	SYWBE	A423S1YWB	P4YZQ	A431P41YZQ	7413SHZQ	A433S1HZQ
SYWBE	A321S1YWB			SCWZQ	A431S1CWZQ	SPYZQ	A433S1H3ZQP
SYZB	A321S1YZB	7401SYZB	A423S1YZB			SYCQ	A433S1YCQ
		SYZQ	A423S1YZQ	7407SHZQ	A431S1HZQ	SYWBE	A433S1YWB
7305SYZQ	A321S1YZQ	SYZ3QE	A423S1YZ3Q	SPYZQ	A431S1H3ZQP	SYZB	A433S1YZB
SYZ3QE	A321S1YZ3Q	T1CWYZQ	A423T11TWZQ	SYCQ	A431S1YCQ		
				SYWBE	A431S1YWB	7413SYZQ	A433S1YZQ
		7403J1ZQ	B421J1ZQ2				

NOTE: Electroswitch J11 & J21 Series require different panel cut out than C&K.
Electroswitch SC11 and SC12 Series require the use of style B bezel in order to fit in same panel cut out as C&K.
For other combinations of C&K part numbers see Toggle and Rocker Switch Cross References on pages 64 and 65.

❶ Momentary position opposite that of C&K. See Note ❼ on page 64.

STANDARD MINIATURE SWITCHES

C&K Part No.	Electroswitch Part No.	C&K Part No.	Electroswitch Part No.	C&K Part No.	Electroswitch Part No..	C&K Part No.	Electroswitch Part No.
7413SYZ3QE	A433S1YZ3Q	7982 White	W-KN-18A	8125ABE	PS9-100B	8221V4GE	PS81-200G
		7982 Black	W-KN-18	AV2BE	PS11-100B	V6GE	PS82-200G
7415J1ZQ	B435J1ZQ2	7982 Red	W-KN-18B	HCBE	PS2-100B	V7GE	PS83-200G
J2ZQ	B435J2ZQ2			HZBE	PS1-100B	V40GE	PS71-200G
J3ZQ	B435J3ZQ2	8025	SW2AA10	V3CBE	PS8-100B	V60GE	PS72-200G
J5ZQ	B435J5ZQ2	8121AGE	PS9-100G				
J11ZQ	B435J11ZQ22M	AV2GE	PS11-100G	8125V4BE	PS81-100B	8221V70GE	PS73-200G
		D8R2Q	PS5-100Q	V6BE	PS82-100B		
7415J21ZQ	B435J21ZQ22M	D8RQ	PS6-100Q	V7BE	PS83-100B	8225ABE	PS9-200B
L1YZQ	A435L11YZQ			V30CBE	PS7-100B	AV2BE	PS11-200B
L3YZQ	A435L34YZQ	8121HCQE	PS2-100Q	V40BE	PS71-100B	HCBE	PS2-200B
LYZQ	A435L01YZQ	HZQE	PS1-100Q			HZBE	PS1-200B
MD9AVB	A435M1D9AVB	J81CBE	PS16-1122B	8125V60BE	PS72-100B	V3CBE	PS8-200B
		J81CQE	PS16-1122Q	V70BE	PS73-100B		
7415MD9AV2B	A435M1D9AV2B	J81ZBE	PS14-1122B			8225V4BE	PS81-200B
P1YZQ	A435P11YZQ			8161SHZQ	PB-123	V6BE	PS82-200B
P3YZQ	A435P31YZQ	8121J81ZQE	PS14-1122Q	8168SHZQ	PB-126	V7BE	PS83-200B
P4YZQ	A435P41YZQ	J82CBE	PS16-1124B			V30CBE	PS7-200B
SCWZQ	A435S1CWZQ	J82CQE	PS16-1124Q	8221AGE	PS9-200G	V40BE	PS71-200B
		J82ZBE	PS14-1124B	AV2GE	PS11-200G		
7415SHZQ	A435S1HZQ	J82ZQE	PS14-1124Q	HCQE	PS2-200Q	8225V60BE	PS72-200B
SPYZQ	A435S1H3ZQP			HZQE	PS1-200Q	V70BE	PS73-200B
SYCQ	A435S1YCQ	8121J83CBE	PS17-1122B	J81CBE	PS16-2122B		
SYWBE	A435S1YWB	J83CQE	PS17-1122Q			8632ZQ	SA1BV20
SYZB	A435S1YZB	J83ZBE	PS15-1122B	8221J81CQE	PS16-2122Q		
		J83ZQE	PS15-1122Q	J81ZBE	PS14-2122B	8633ZQ	SA1BW20
7415SYZQ	A435S1YZQ	J84CBE	PS17-1124B	J81ZQE	PS14-2122Q		
SYZ3QE	A435S1YZ3Q			J82CBE	PS16-2124B		
		8121J84CQE	PS17-1124Q	J82CQE	PS16-2124Q		
7527 White	W-KN-17A	J84ZBE	PS15-1124B				
7527 Black	W-KN-17	J84ZQE	PS15-1124Q	8221J82ZBE	PS14-2124B		
7527 Red	W-KN-17B	V4GE	PS81-100G	J82ZQE	PS14-2124Q		
7572	W-RI-16	V6GE	PS82-100G	J83CBE	PS17-2122B		
7752	15-1047			J83CQE	PS17-2122Q		
		8131V7GE	PS83-100G	J83ZBE	PS15-2122B		
7785	W-TL-124	V40GE	PS71-100G				
7890 White	W-BZ-12A	V60GE	PS72-100G	8221J83ZQE	PS15-2122Q		
7890 Black	W-BZ-12	V70GE	PS73-100G	J84CBE	PS17-2124B		
7890 Red	W-BZ-12B			J83CQE	PS17-2124Q		
7969	W-NU-12			J84ZBE	PS15-2124B		
				J84ZQE	PS15-2124Q		

NOTE: Electroswitch J11 & J21 Series require different panel cut out than C&K.
Electroswitch SC11 and SC12 Series require the use of style B bezel in order to fit in same panel cut out as C&K.
For other combinations of C&K part numbers see Toggle and Rocker Switch Cross References on pages 64 and 65.

C&K to Electroswitch Cross Reference

WASHABLE MINIATURE SWITCHES

C&K Part No.	Electroswitch Part No.	C&K Part No.	Electroswitch Part No.	C&K Part No.	Electroswitch Part No..	C&K Part No.	Electroswitch Part No.
E101J1AB	WR123J71AB2	E103J1AB	WR121J71AB2	E103SD1V30B	WT121S1D1V30B	E105SD1V30B	WT127S1D1V30B
J1AV2B	WR123J71AV2B2	J1AV2B	WR121J71AV2B2	E103SD1ZQ	WT121S1D1ZQ	SD1ZQ	WT127S1D1ZQ
J1V3B	WR123J71V3B2	J1V3B	WR121J71V3B2	E103SYZQ	WT121S1YZQ	SYZQ	WT127S1YZQ
J1ZQ	WR123J1ZQ2	J1ZQ	WR121J1ZQ2				
J2AB	WP123J72AB2	J2AB	WP121J72AB2	E105J1AB	WR127J71AB2	E107J1AB	WR131J71AB2
				J1AV2B	WR127J71AV2B2	J1AV2B	WR131J71AV2B2 ❶
E101J2AV2B	WP123J7SAV2B2	E103J2AV2B	WP121J7219V2B2	J1V3B	WR127J71V3B2	J1V3B	WR131J71V3B2
J2V3B	WP123J72V3B2	J2V3B	WP121J72V3B2	J1ZQ	WR127J1ZQ2	J1ZQ	WR131J1ZQ2
J2ZQ	WP123J2ZQ2	J2ZQ	WP121J2ZQ	J2AB	WP127J72AB2	J2AB	WP131J72AB2
L3D1ZQ	WT123L134D1ZQ	L3D1ZQ	WT121L34D1ZQ				
L3YZQ	WT123L34YZQ	L3YZQ	WT121L34YZQ	E105J2AV2B	WP127J72AV2B2	E107J2AV2B	WP131J72AV2B2 ❶
				J2V3B	WP127J72V3B2	J2V3B	WP131J72V3B2
E101MD1AB	WT123M1D1AB	E103MD1AB	WT121M1D1AB	J2ZQ	WP127J2ZQ2	J2ZQ	WP131J2ZQ2
MD1AV2B	WT123M1D1AV2B	MD1AV2B	WT121M1D1AV2B	L3D1ZQ	WT127L34D1ZQ	L3D1ZQ	WT131L34D1ZQ
MD1V30B	WT123M1D1V30B	MD1V30B	WT121M1D1V30B	L3YZQ	WT127L34YZQ	L3YZQ	WT131L34YZQ
MD1ZQ	WT123M1D1ZQ	MD1ZQ	WT121M1D1ZQ				
MYZQ	WT123M1YZQ	MYAB	WT121M1YAB	E105MD1AB	WT127M1D1AB	E107MD1AB	WT131M1D1AB
				MD1AV2B	WT127M1D1AV2B	MD1AV2B	WT131M1D1AV2B ❶
E101SD1AB	WT123S1D1AB	E103MYAV2B	WT121M1YAV2B	MD1V30B	WT127M1D1V30B	MD1V30B	WT131M1D1V30B
SD1AV2B	WT123S1D1AV2B	MYV30B	WT121M1YV30B	MD1ZQ	WT127M1D1ZQ	MD1ZQ	WT131M1D1ZQ
SD1V30B	WT123S1D1V30B	MYZQ	WT121M1YZQ	MYZQ	WT127M1YZQ	MYZQ	WT131M1YZQ
SD1ZQ	WT123S1D1ZQ	SD1AB	WT121S1D1AB				
ZQ	WT123S1YZQ	SD1AV2B	WT121S1D1AV2B	E105SD1AB	WT127S1D1AB	E107SD1AB	WT131S1D1AB
				SD1AV2B	WT127S1D1AV2B	SD1AV2B	WT131S1D1AV2B ❶

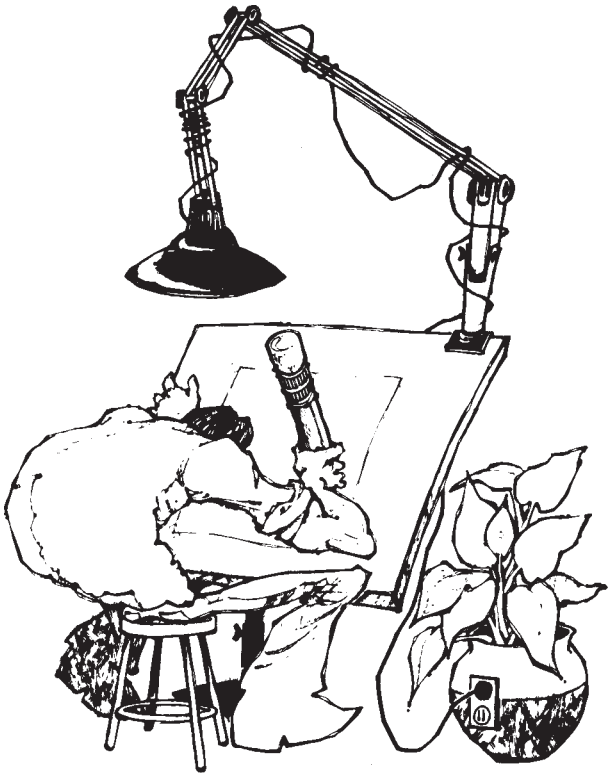
NOTE: For other combinations of C&K part numbers see Washable Toggle and Rocker Switch Cross References on page 66.
❶ Momentary position opposite that of C&K. See Notes ❺ or ❼ on page 66.

C&K to Electroswitch Cross Reference

STANDARD MINIATURE SWITCHES

C&K Part No.	Electroswitch Part No.
E107SD1V30B	WT131S1D1V30B
SD1ZQ	WT131S1D1ZQ
SYZQ	WT131S1YZQ
E108J1AB	WR126J71AB2
J1AV2B	WR126J71AV2B2 ❶
J1V3B	WR126J71V3B2
J1ZQ	WR126J71ZQ2
J2AB	WP126J72AB2
E108J2AV2B	WP126J72AV2B2 ❶
J2V3B	WP126J72V3B2
J2ZQ	WP126J2ZQ2
L3D1ZQ	WT126L34D1ZQ
L3YZQ	WT126L34YZQ
E108MD1AB	WT126M1D1AB
MD1AV2B	WT126M1D1AV2B ❶
MD1V30B	WT126M1D1V30B
MD1ZQ	WT126M1D1ZQ
MYZQ	WT126M1YZQ
E108SD1AB	WT126S1D1AB
SD1AV2B	WT126S1D1AV2B ❶
SD1V30B	WT126S1D1V30B
SD1ZQ	WT126S1D1ZQ
SYZQ	WT126S1YZQ
E201J1AB	WR223J71AB2
J1AV2B	WR223J71AV2B2
J1V3B	WR223J71V3B2
J1ZQ	WR223J1ZQ2
J2AB	WP223J72AB2
E201J2AV2B	WP223J72AV2B2
J2V3B	WP223J72V3B2
J2ZQ	WP223J2ZQ2
L3D1ZQ	WT223L34D1ZQ
L3YZQ	WT223L34YZQ
E201MD1AB	WT223M1D1AB
MD1AV2B	WT223M1D1AV2B
MD1V30B	WT223M1D1V30B
MD1ZQ	WT223M1D1ZQ
MYZQ	WT223M1YZQ
E201SD1AB	WT223S1D1AB
SD1AV2B	WT223S1D1AV2B
SD1V30B	WT223S1D1V30B
SD1ZQ	WT223S1D1ZQ
SYZQ	WT223SZ1YZQ
E203J1AB	WR221J71AB2
J1AV2B	WR221J71AV2B2
J1V3B	WR221J71V3B2
J1ZQ	WR221J1ZQ2
J2AB	WP221J72AB2
E203J2AV2B	WP221J72AV2B2
J2V3B	WP221J72V3B2
J2ZQ	WP221J2ZQ
L3D1ZQ	WT221L34D1ZQ
L3YZQ	WT221L34YZQ
E203MD1AB	WT221M1D1AB
MD1AV2B	WT221M1D1AV2B
MD1V30B	WT221M1D1V30B
MD1ZQ	WT221M1D1ZQ
MYZQ	WT221M1YZQ
E203SD1AB	WT221S1D1AB
SD1AV2B	WT221S1D1AV2B
SD1V30B	WT221S1D1V30B
SD1ZQ	WT221S1D1ZQ
SYZQ	WT221S1YZQ
E205J1AB	WR227J71AB2
J1AV2B	WR227J71AV2B2
J1V3B	WR227J71V3B2
J1ZQ	WR227J1ZQ2
J2AB	WP227J72AB2
E205J2AV2B	WP227J72AV2B2
J2V3B	WP227J72V3B2
J2ZQ	WP227J2ZQ2
L3D1ZQ	WT227L34D1ZQ
L3YZQ	WT227L34YZQ
E205MD1AB	WT227M1D1AB
MD1AV2B	WT227M1D1AV2B
MD1V30B	WT227M1D1V30B
MD1ZQ	WT227M1D1ZQ
MYZQ	WT227M1YZQ
E205SD1AB	WT227S1D1AB
SD1AV2B	WT227S1D1AV2B
SD1V30B	WT227S1D1V30B
SD1ZQ	WT227S1D1ZQ
SYZQ	WT227S1YZQ
E207J1AB	WR231J71AB2
J1AV2B	WR231J71AV2B2 ❶
J1V3B	WR231J71V3B2
J1ZQ	WR231J1ZQ2
J2AB	WP231J72AB2
E207J2AV2B	WP231J72AV2B2 ❶
J2V3B	WP231J72V3B2
J2ZQ	WP231J2ZQ2
L3D1ZQ	WT231L34D1ZQ
L3YZQ	WT231L34YZQ
E207MD1AB	WT231M1D1AB
MD1AV2B	WT231M1D1AV2B ❶
MD1V30B	WT231M1D1V30B
MD1ZQ	WT231M1D1ZQ
MYZQ	WT231M1YZQ
E207SD1AB	WT231S1D1AB
SD1AV2B	WT231S1D1AV2B ❶
SD1V30B	WT231S1D1V30B
SD1ZQ	WT231S1D1ZQ
SYZQ	WT231S1YZQ
E208J1AB	WR226J71AB2
J1AV2B	WR226J71AV2B2 ❶
J1V3B	WR226J71V3B2
J1ZQ	WR226J71ZQ2
J2AB	WP226J72AB2
E209J2AV2B	WR226J72AV2B2 ❶
J2V3B	WR226J72V3B2
J2ZQ	WP226J2ZQ2
L3D1ZQ	WT226L34D1ZQ
L36ZQ	WT226L34YZQ
E208MD1AB	WT226M1D1AB
MD1AV2B	WT226M1D1AV2B ❶
MD1V30B	WT226M1D1V30B
MD1ZQ	WT226M1D1ZQ
MYZQ	WT226M1YZQ
E208SD1AB	WT226S1D1AB
SD1AV2B	WT226S1D1AV2B ❶
SD1V30B	WT226S1D1V30B
SD1ZQ	WT226S1D1ZQ
SYZQ	WT226S1YZQ
E211J1AB	WR232J71AB2
J1AV2B	WR232J71AV2B2
J1V3B	WR232J71V3B2
J1ZQ	WR232J1ZQ2
J2AB	WP232J72AB2
E211J2AV2B	WP232J72AV2B2
J2V3B	WP232J72V3B2
J2ZQ	WP232J2ZQ2
L3D1ZQ	WT232L34D1ZQ
L3YZQ	WT232L34YYZQ
E211MD1AB	WT232M1D1AB
MD1AV2B	WT232M1D1AV2B
MD1V30B	WT232M1D1V30B
MD1ZQ	WT232M1D1ZQ
MYZQ	WT232M1YZQ
E211SD1AB	WT232S1D1AB
SD1AV2B	WT232S1D1AV2B
SD1V30B	WT232S1D1V30B
SD1ZQ	WT232S1D1ZQ
SYZQ	WT232S1YZQ
E215J1AB	WR235J71AB2
J1AV2B	WR235J71AV2B2
J1V3B	WR235J71V3B2
J1ZQ	WR235J1ZQ2
J2AB	WP235J72AB2
E215J2AV2B	WP235J72AV2B2
J2V3B	WP235J72V3B2
J2ZQ	WP235J2ZQ2
L3D1ZQ	WT235L34D1ZQ
L3YZQ	WT235L34YZQ
E215MD1AB	WT235M1D1AB
MD1AV2B	WT235M1D1AV2B
MD1V30B	WT235M1D1V30B
MD1ZQ	WT235M1D1ZQ
MYZ0	WT235M1YZQ
E215SD1AB	WT235S1D1AB
SD1AV2B	WT235S1D1AV2B
SD1V30B	WT235S1D1V30B
SD1ZQ	WT235S1D1ZQ
SYZQ	WT235S1YZQ

NOTE: For other combinations of C&K part numbers see Washable Toggle and Rocker Switch Cross References on page 66.
❶ Momentary position opposite that of C&K. See Notes ❺ or ❼ on page 66.

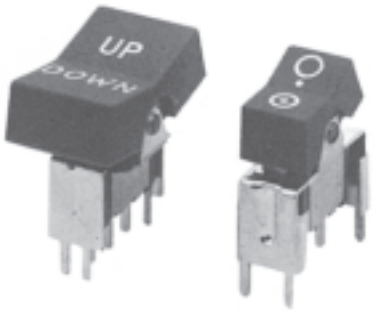


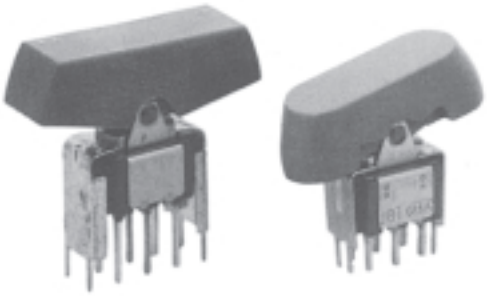
Designers' Choice…

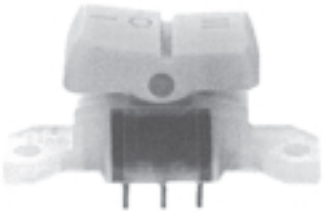
This catalog represents a broad selection of popular switches, associated hardware and accessories available through a national network of Authorized Distributors.

But our capabilities extend well beyond the standard — into the "special" and even the "proprietary". The point is — if you haven't found what you're looking for in these standard selections — we'll build it for you.

Like one of these…







A whole lot more than prompt and field help. There's proven

availability, quality assurance, design innovation, too!

LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

www.lifeelectronics.ru