

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



Series	Poles and Throw		Circuits 1				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 Terminals 6		
	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			
						27	Snap-In Mount Rocker With Bezel	J11	PC Terminals	C	12	L	Green 4	5	Black 2	2P			
						31	ON OFF ON*	J21	PC & Support 1	V3	12	M	Blue 4	6	Red 2	3P			
						32	ON ON ON*	J21	PC & Support 1	V4			Light Gray 4	8	Black w/LED 2	4P			
						33	ON ON ON*	J37	Vertical PC .150 Spacing	V5			Yellow 4	9	Green 2 4	5P			
						34 5	NONE ON ON*	J47	PC & Support 1	V6			Brown 4	10	Blue 2 4	6P			
			NONE	ON	ON*	ON*	53 5	35	Large 7 Snap-In Mount Paddle With Bezel	J71	PC & Support 1	V7					Light Gray 2 4	8P	
								J50	Rocker Actuator 9	J71	Solder Lugs	Z							
								J53	Paddle Actuator 9	J72	Quick Connect	Z3							
								J60	Rocker Actuator 9	J73									
								J63	Paddle Actuator 9	J75									
								J76	Rocker Actuator 9	J76									
	J77	Paddle Actuator 9	J77																

*Momentary Contact

- 1** 1 and 2 pole only.
- 2** For J50 and J60 only.
- 3** For J11, J21, J37 and J47 only.
- 4** Consult plant for availability.
- 5** These circuits are **NOT** available with the following 3 and 4 pole options: A, AV1, AV2, V3, V4, V5, V6 and V7.
- 6** Epoxy seal standard on all terminal options.

- 7** Available with C, Z, Z3 or W-W4 terminations.
- 8** Available with AV1, AV2, V3-V7 terminations.
- 9** Available with A, AV1, AV2 or V3-V7 terminations.
- 10** 1, 2 and 3 pole only.
- 11** See page 58 for construction detail, wiring and electrical diagrams.
- 12** 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

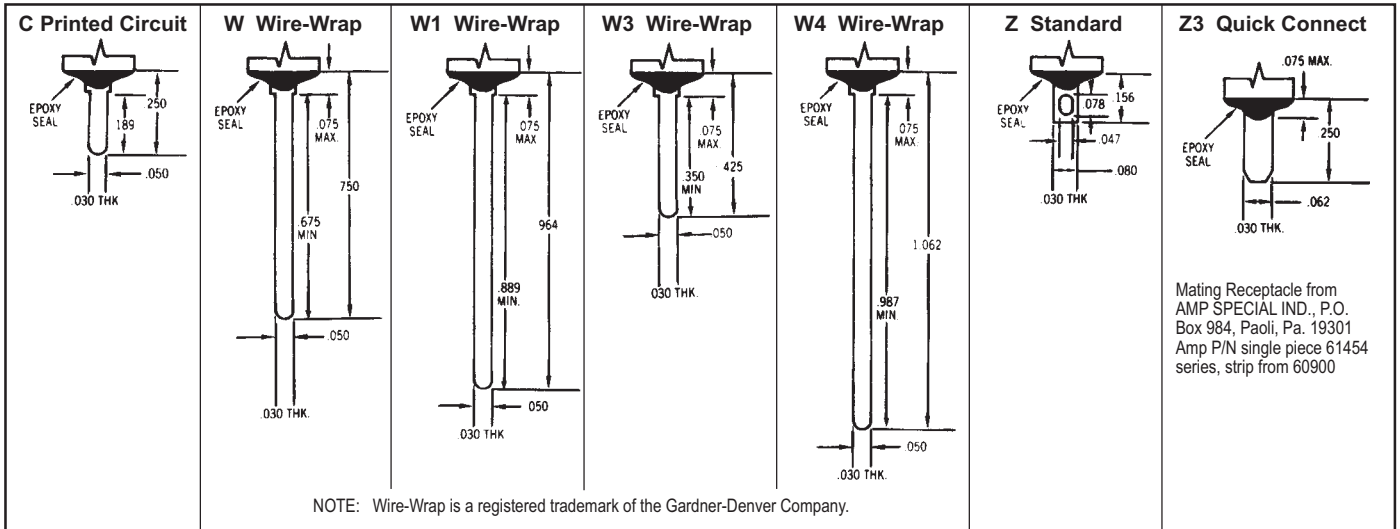


Rocker Actuator Options For P.C. Mounting

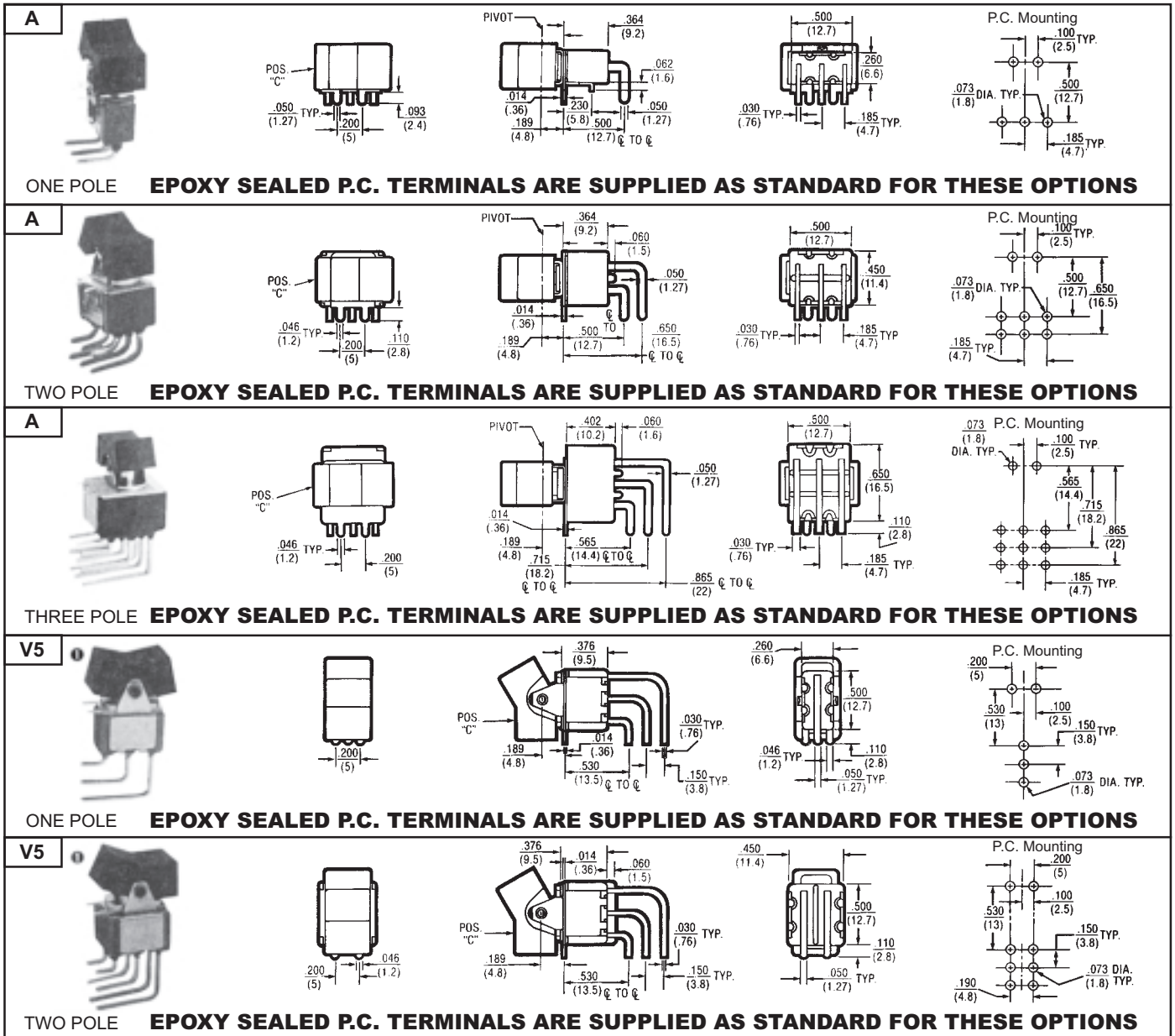
<p>J71</p>	<p>J72</p>
<p>J73</p>	<p>J75</p>
<p>J76</p>	<p>J77</p>

ACTUATOR/MOUNTING OPTIONS

<p>J1 Screw Mount Rocker</p>	<p>Refer to Page 57 for Mounting Hardware</p>
<p>J2 Screw Mount Paddle Rocker</p>	<p>Refer to Page 57 for Mounting Hardware</p>
<p>J3 Screw Mount Large Rocker</p>	<p>Refer to Page 57 for Mounting Information</p>
<p>J5 Screw Mount Large Tapered Paddle Rocker</p>	<p>Refer to Page 57 for Mounting Hardware</p>



TERMINATION/MOUNTING OPTIONS



① The V5 option is available in Three and Four Pole Circuits.