

Features/Benefits

Thermoset UL 94V-0 housing

Materials

- Rugged construction
- Variety of actuator and termination options
- RoHS compliant

Typical Applications

® **SL** (SE)® @ Models Available

- Small equipment
- Shut-off switch

Specifications

- CONTACT RATING: 9201 Model: 6 AMPS @ 120 V AC or 28 V DC; 3 AMPS @ 250 V AC. 9221 Model: 10 AMPS @ 125 V AC or 28 V DC; 5 AMPS @ 250 V AC.
- ELECTRICAL LIFE: 25,000 make-and-break cycles at full load.

CONTACT RESISTANCE: Below 10 m Ω typ. initial @

2-4 V DC, 100 mA.

INSULATION RESISTANCE: $10^9 \Omega$ min.

DIELECTRIC STRENGTH: 2,500 Vrms min. @ sea level.

OPERATING TEMPERATURE: -30°C to 85°C.

SOLDERABILITY: Per MIL-STD-202F method 208D, or EIA RS-186E method 9 (1 hour steam aging).

NOTE: Any models supplied with Q contact material are RoHS compliant.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

CASE: Diallyl phthalate (DAP) (UL 94V-0).

ACTUATOR: Nylon, black standard.

FRAME-REAR MOUNT OPTIONS: Spring steel, black.

BUSHING: Brass, nickel plated.

HOUSING: Stainless steel.

SWITCH SUPPORT: Brass or steel, matte-tin plated.

MOUNTING BRACKET: Stainless steel.

END CONTACTS: 9201 Model: Coin silver, silver plated. 9221 Model: Silver cadmium oxide.

CENTER CONTACTS: Copper alloy, silver plated

ALL TERMINALS: 9201 Model: Copper alloy, silver plated. 9221 Model: Copper alloy, matte-tin plated.

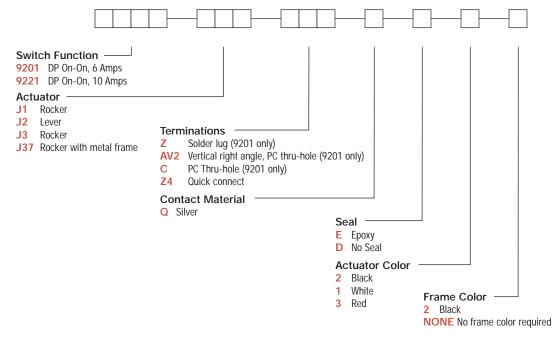
TERMINAL SEAL: Epoxy.

HARDWARE: Nut, Screw & Lockwasher: Stainless steel. Standoff: Nylon standard, aluminum available, consult Customer Service Center.

*Cadmium used in electrical contacts is acceptable for RoHS.

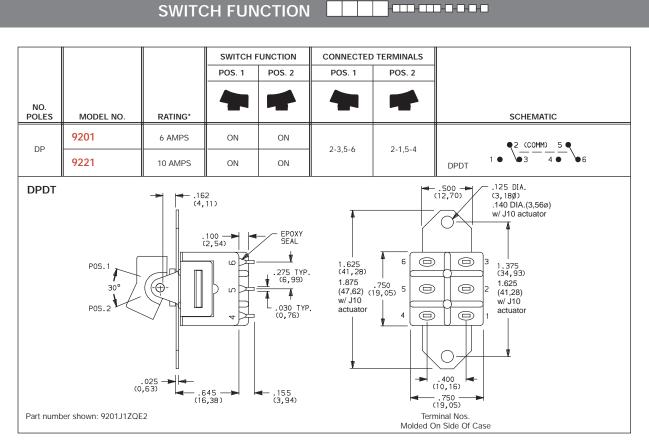
Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages H-53 through H-56. For additional options not shown in catalog, consult Customer Service Center.



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All 9000 Series models meet international dimensional and electrical requirements. N 🚳 🌰

* See CONTACT MATERIAL, page H-55, for complete ratings.

9221 model must be ordered with Z4 terminations and D seal option.

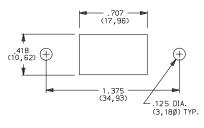
ACTUATOR-PANEL MOUNT

OPTION CODE	ACTUATOR COLOR		
2	BLACK		
1	WHITE		
3	RED		

Finish: Matte. Other colors, custom actuator markings and legends available, consult Customer Service Center.

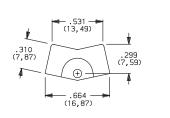
NOTE: Hardware: two each—mounting screws, nuts, lockwashers and standoffs for 1/8 inch thick panel are supplied standard on all switches with panel mounting brackets. Actuators available separately, see page H-55-56. Hardware available separately, see Technical Data section of this catalog.

PANEL MOUNTING





J1 ROCKER

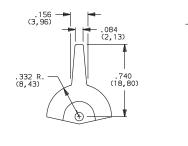


.365 (9,27)

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J2 LEVER





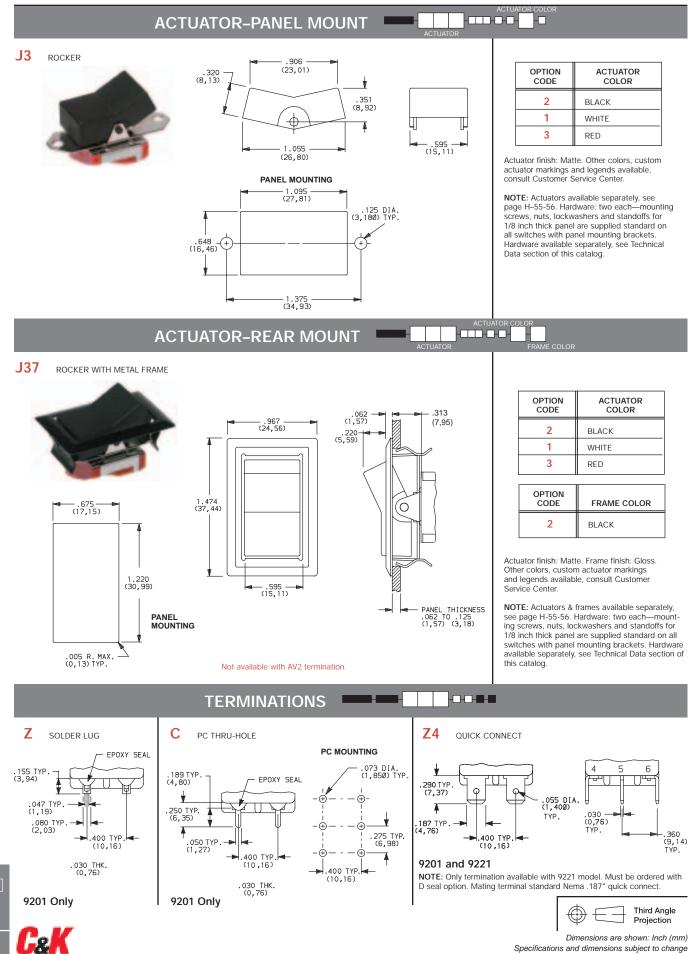
Third Angle Projection

Rocker

T

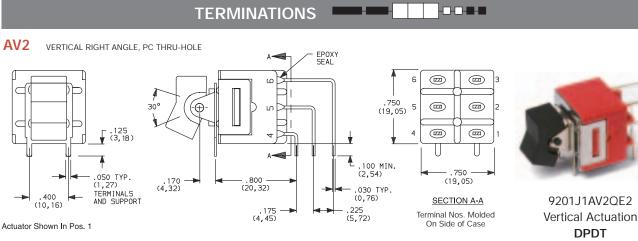
Specifications and dimensions subject to change

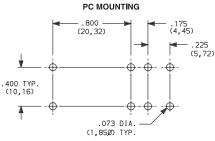
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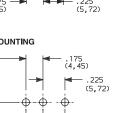


Rocker

All 9000 Series models meet international dimensional and electrical requirements. 🔊 🎙 🛞







9201 Only

NOTE: Terminal bend radii and lead-in manufacturing option. Terminal spacing greater than 3mm at all points.

CONTACT MATERIAL

OPTION CODE	MODEL	CONTACT MATERIAL	TERMINAL PLATING	RATINGS	
	9201	SILVER 1,2	SILVER OR TIN 2,5	POWER	6 AMPS @120 V AC OR 28 V DC; 3 AMPS @ 250 V AC.
Q	9221	SILVER CADMIUM OXIDE 3,4,0	tin ⁵		10 AMPS @125 V AC OR 28 V DC; 5 AMPS @ 250 V AC.

NOTE: Any models supplied with Q contact material is RoHS compliant.

9221 model must be ordered with Z4 terminations and D seal option.

* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

- ¹ END CONTACTS: Coin silver, silver plated.
- ² CENTER CONTACTS & ALL TERMINALS: Copper alloy, silver plated.

³ END CONTACTS: Silver cadmium oxide.

⁴ CENTER CONTACTS: Copper alloy, silver plated.

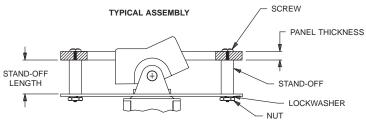
⁵ Z4 TERMINALS ONLY: Copper alloy, tin plated.

⁶ Cadmium used for electrical contacts is acceptable for RoHS.

SEAL T E D EPOXY SEAL NO EPOXY SEAL EPOXY SEAL .075 MAX. (1,91) Rocker Not available with 9221 model or Z4 terminations. Must be ordered with 9221 model and Z4 termination. Third Angle \forall Projection **Le**l Dimensions are shown: Inch (mm) H Specifications and dimensions subject to change

AVAILABLE HARDWARE

Panel mounting hardware for rocker and lever handle switches is available separately. Mounting hardware consists of two screws, two nuts, two standoffs and two lockwashers per switch, and is available for panel thicknesses of 1/16, 3/32 and 1/8 inch. See part numbers below.



J1 & J2 actuators

PART NO.	PANEL THK.	STANDOFF LENGTH
761101000	1/16 IN. (1,59)	.295 (7,49)
761102000	3/32 IN. (2,38)	.264 (6,71)
761103000	1/8 IN. (3,18)	.233 (5,92)





Third Angle Projection

Dimensions are shown: Inch (mm) Specifications and dimensions subject to change