### Features/Benefits

- Power ratings up to 10 AMPS
- Double pole models
- Locking lever options available
- Wide variety of actuator styles
- RoHS compliant and compatible



Models Available

### **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 and compatible

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

Туріс	al A	pplic	ations

- Shut-off switch
  - Small equipment



### **Materials**

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

ACTUATOR: Brass, chrome plated.

BUSHING: Brass or zinc, nickel plated.

HOUSING: Stainless steel.

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

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

CENTER CONTACTS: Copper alloy, silver plated

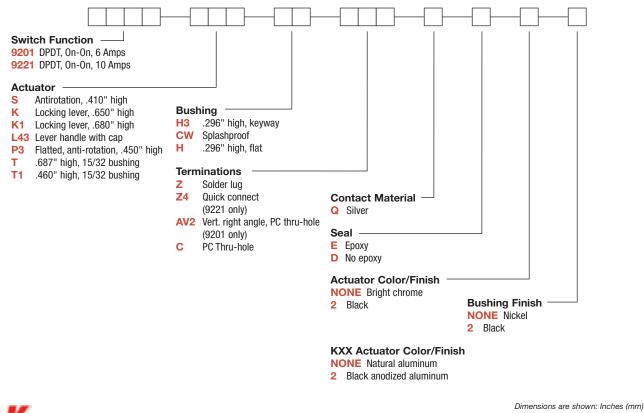
ALL TERMINALS: 9201 Model: Copper alloy, silver plated. 9221 Model: Copper alloy, matte-tin plated.

TERMINAL SEAL: Epoxy.

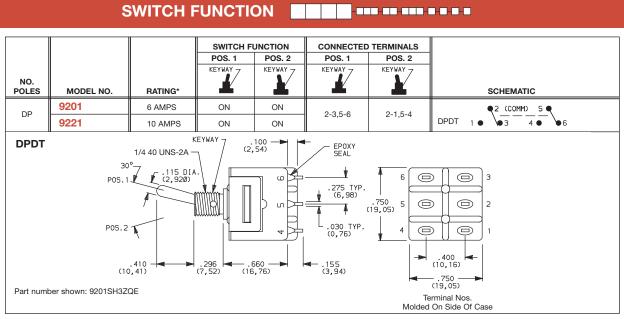
HARDWARE: Nut & Locking ring: Brass, nickel plated. Lockwasher: Steel, nickel plated.

### **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 F-43 thru F-47. For additional options not shown in catalog, consult Customer Service Center.







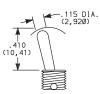
\* See CONTACT MATERIAL, page F-47, for complete ratings.

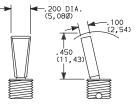
All 9000 Series models meet international dimensional and electrical requirements. R 🚯

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

#### ACTUATOR

- S ANTIROTATION, .410" HIGH
- **P3** 
  - FLATTED, ANTIROTATION, .450" HIGH



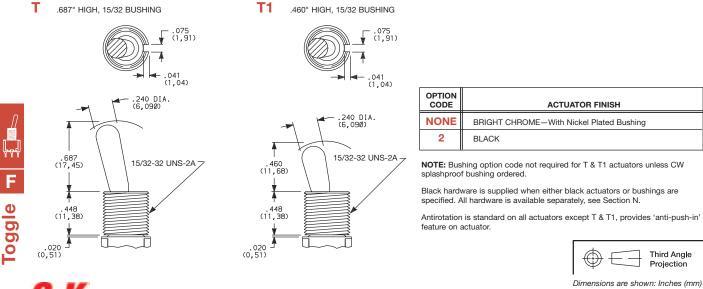


OPTION CODE	ACTUATOR FINISH
NONE	NATURAL ALUMINUM—With Nickel Plated Bushing
2	BLACK

NOTE: Black hardware is supplied when either black actuators or bushings are specified. All hardware is available separately, see Section N.

Antirotation is standard on all actuators, provides 'anti-push-in' feature on actuator.

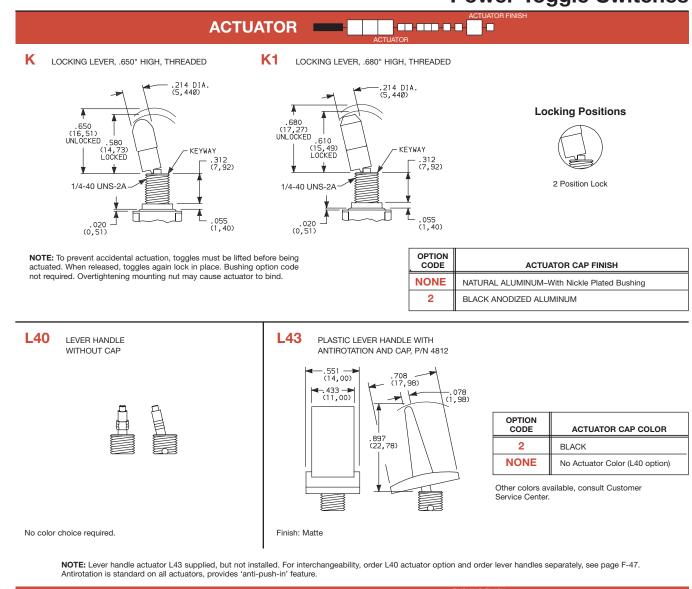
### Dress nut part number: 709901201 supplied standard with P3 actuator

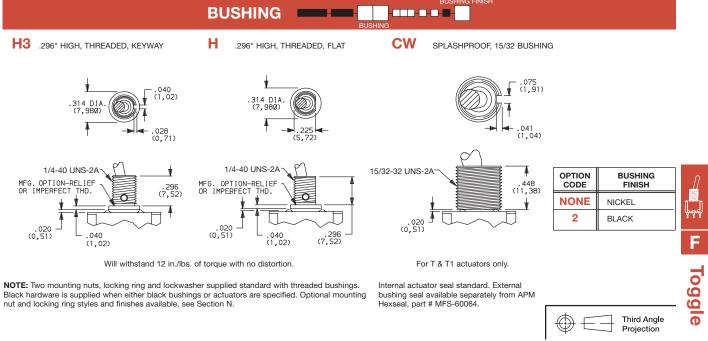


-2

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Specifications and dimensions subject to change



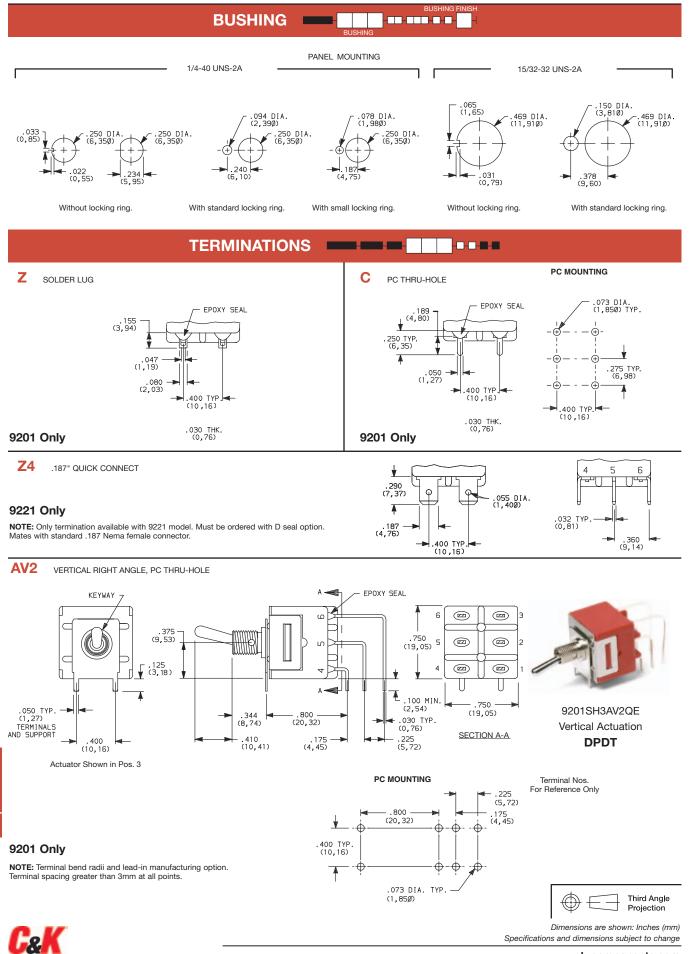




Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

F

Toggle



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## CONTACT MATERIAL

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

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

<sup>1</sup> END CONTACTS: Coin silver, silver plated.

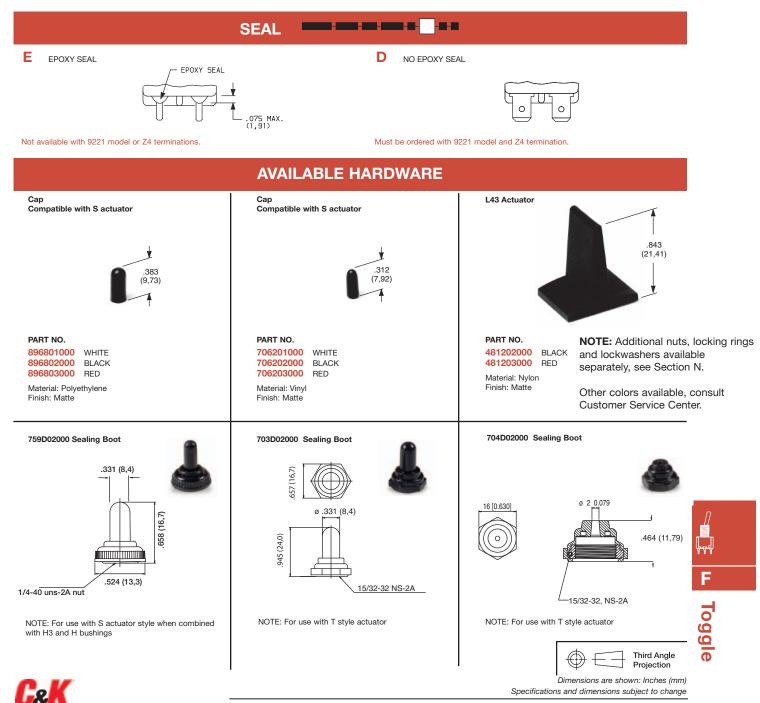
- <sup>2</sup> CENTER CONTACTS & ALL TERMINALS: Copper alloy, silver plated.
- <sup>3</sup> END CONTACTS: Silver cadmium oxide.

1

- <sup>4</sup> CENTER CONTACTS: Copper alloy, silver plated.
- <sup>5</sup> Z4 TERMINALS ONLY: Copper alloy, matte-tin plated.
- <sup>6</sup> Cadmium in electrical switch contacts is exempt from RoHS.

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

All 9000 Series models meet international dimensional and electrical requirements.  ${}_{\odot}$   $\mathfrak{N}$   $\mathfrak{G}^{\circ}$   $\mathfrak{A}$  9221 model must be ordered with Z4 terminations and D seal option.



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