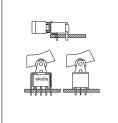




ROCKER SWITCHES

SERIES 4B

 Sealed Sub-miniature Rocker switch



AGENCY APPROVALS

P67 In conformity with:

- EN 60529: 1991
- IEC 529: 1989

CHARACTERISTICS

- Tiny and sealed switch suitable for environmentally hard usage.
- Carries up to 3 Amps @ 120 VAC or 28 VDC.

SPECIFICATIONS

Contact Rating: 5 (silver) - 3A with resistive load @ 125 VAC or 28 VDC - 1A with resistive load @ 250 VAC - \mathbf{A} (gold) or \mathbf{K}^* (gold/tin-lead) - 0.4 VA max @ 20 VAC or DC max

Electrical life: 30,000 cycles at full load Contact Resistance: <20 m Ω max. initial @ 2-4 DVC; 100 mA for both coin silver and gold plated con-

tacts

Insulation Resistance: $1000 \text{ M}\Omega$ min. Dielectric Strength: 1500 VRMS @ sea level Operating Temperature: -30°C to 85°C

MATERIALS

Case & Bushing: Glass filled nylon 6/6, flame retar-

dant, heat stabilized (UL94V-0)

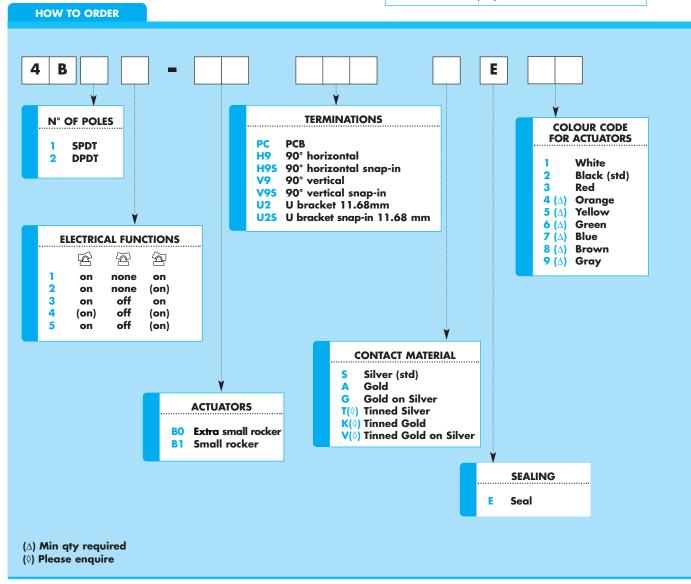
Actuator: Nylon, blk std., Internal o-ring seal std. with all actuators

Frame: Spring steel, black std. Switch support: Brass, tin plated

Contacts & terminals: Copper alloy with gold over

nickel plated

Terminal seal: Epoxy

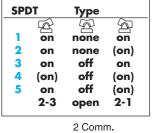




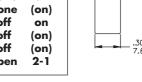


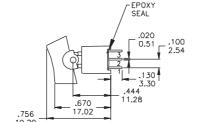


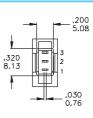




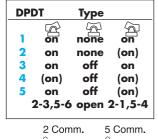
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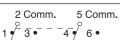


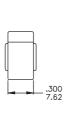


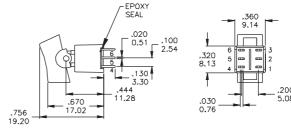


Part N° shown: 4B11-B1PCAE



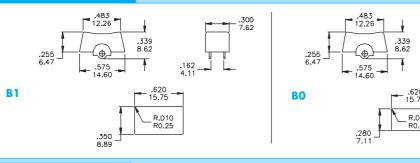






Part N° shown: 4B21-B1PCAE

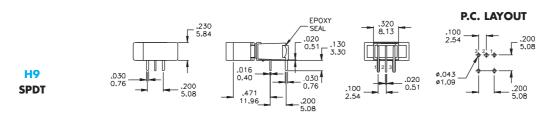
ACTUATORS



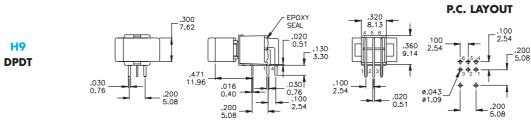
ACTUATOR COLOURS OPTIONS

- White Black (std) 3 Red
- 4 (△) Orange 5 (△) Yellow
- **6** (△) **Green**
- **7** (△) Blue
- 8 (△) Brown 9 (△) Gray

TERMINATIONS



Part N° shown: 4B11-B0H9AE2

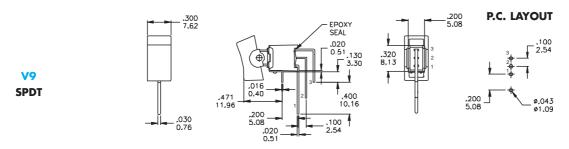


Part N° shown: 4B21-B1H9AE2

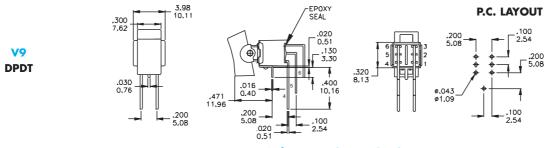


SERIES 4B

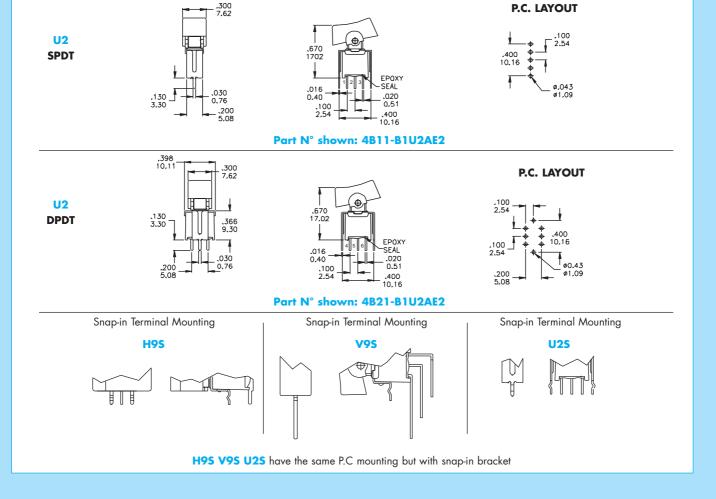
TERMINATIONS



Part N° shown: 4B11-B1V9AE2



Part N° shown: 4B21-B1V9AE2







SERIES 4B

CONTACT MATERIALS

CONTACT RATINGS

S Moving Contacts: coin silver

Terminals: copper alloy, silver plated Rating: 3 Amps @ 125 VAC or 28 VDC

1 Amps @ 250 VAC

Moving Contacts: copper alloy with gold plating over

Terminals: copper alloy with gold plating over nickel Rating: 0.4 Volts/Amps max @ 20 Volts max (AC or DC)

G Moving Contacts: coin silver gold plated

Terminals: copper alloy with gold plating over nickel Note: G option used for either "high" (2 Amps @ 250 VAC) or "low" (0.4 Volts/Amps max) contact rating

(one exclude the other)

PACKAGING

MARKING (on products)

Transparent Trays 15x21x4 cm



Qty per tray: (ST, PC Terminals) Series 4B1x 500 pcs 4B2x 200 pcs

The switches are individually marked with the following information:

Side 1 TRADE MARK SERIES AND MODEL DATE CODE

Side 2 **RATING CONTACTS**

Note: Not all information may be available on some products.

LABELLING (on packaging)

The label on each tray gives full information on the products contained.



A Bar code indicating Model, Quantity, Date Code enables easy traceability.