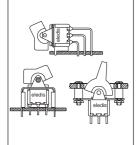




SERIES 3A

 Miniature Rocker & Paddle switches



(1) Please enquire

AGENCY APPROVALS

File N° E195524



File N° E195524

CHARACTERISTICS

- The most comprehensive range of terminations, brackets, toggle sizes and
- Dially phthalate case and stainless steel housing.

SPECIFICATIONS

Contact Rating: 5 (silver) - 5A with resistive load @ 125 VAC or 28 VDC - 2A with resistive load @ 250 VAC - A (gold) or K* (gold/tin-lead) - 0.4 VA max @ 20 VAC or DC max

Electrical life: 50,000 cycles at full load

Contact Resistance: 10 m Ω max. initial @ 2-4 DVC; 100 mA for both coin silver and gold plated contacts

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

MATERIALS

Case: diallyl phthalate (DAP)

Rockers: Nylon

Bushing: Brass, nickel plated

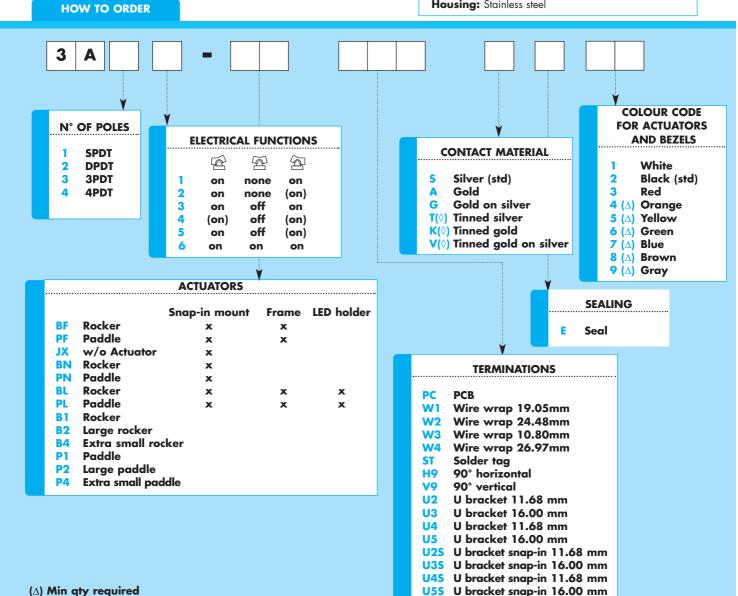
Terminal/Switch support: 3/4 brass electrotin

Contacts: Coin silver, silver plated

Center Contact & Terminals: Copper alloy, silver

Housing: Stainless steel

Quick connect

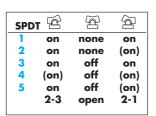




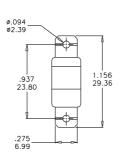
SERIES 3A

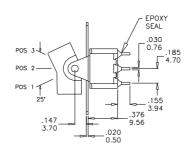
ELECTRICAL FUNCTIONS

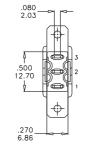
DIMENSIONS



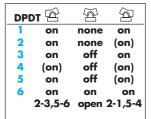
2 Comm. 1 🕺 3 •



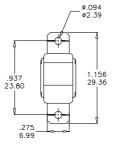


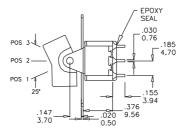


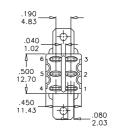
Part N° shown: 3A11-B1STSE2



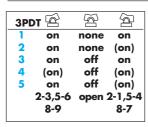
2 Comm. 5 Comm. 1 \$ \frac{1}{2} \, \fr

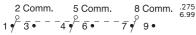


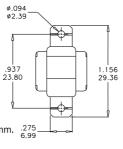


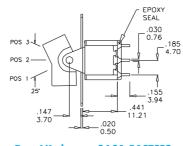


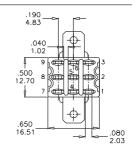
Part N° shown: 3A21-B1STSE2





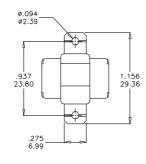


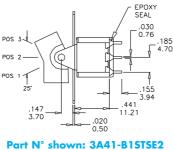


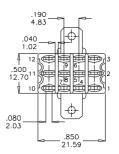


Part N° shown: 3A31-B1STSE2

4F	PDT 🕾	8	
- 1	on	none	on
2	on	none	(on)
3	on	off	on
4	(on)	off	(on)
5	on	off	(on)
6	on	on	on
	2-3,5-6	open 2	2-1,5-4
	8-9,11-1	2 8-7	<mark>7,11-10</mark>







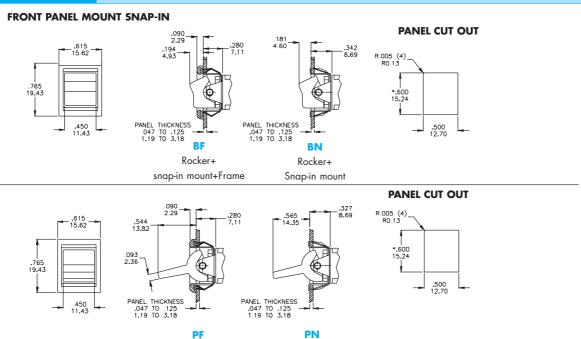
2 Comm. 5 Comm. 8 Comm. 11 Comm.

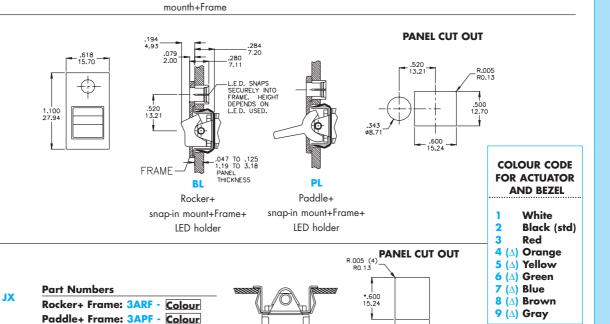




SERIES 3A

ACTUATORS





,500 12,70

Paddle+ Snap-in mounth

Note: JX indicates a switch ordered without rocker or paddle and frame.

For max flexibility of usage switches can be assembled in production. Rocker/paddle and frame must be ordered separately.

Paddle+

snap-in

(△) Min qty required



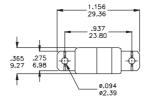
SERIES 3A

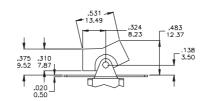
ACTUATORS

PANEL REAR MOUNT

В1

ROCKER





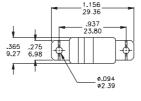
PANEL MOUNTING

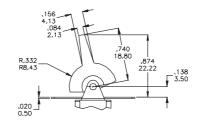
This option can be used for panel mount only

PANEL MOUNTING

P1

PADDLE



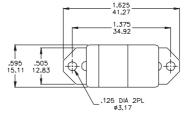


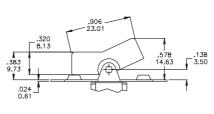
This option can be used for panel mount only

PANEL MOUNTING

B2

LARGE ROCKER



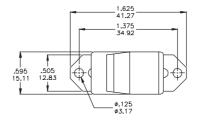


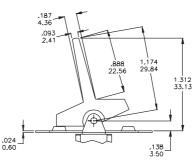
This option can be used for panel mount only

PANEL MOUNTING

P2

LARGE PADDLE





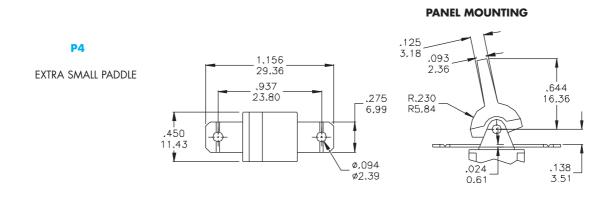
This option is associated with U brackets only U2, U3, U4, U5, U2S, U3S, U4S, U5S



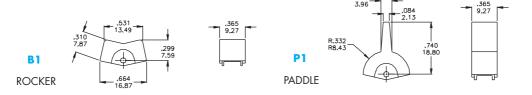


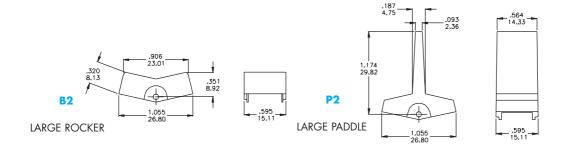
SERIES 3A

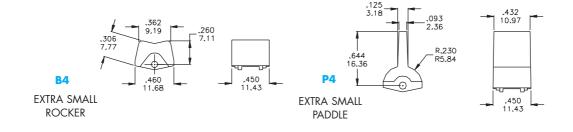
ACTUATORS







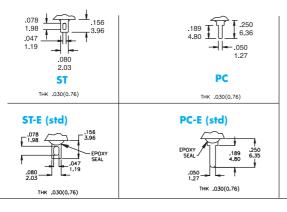


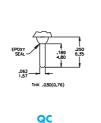


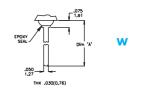


SERIES 3A

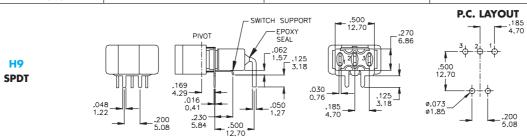
TERMINATIONS





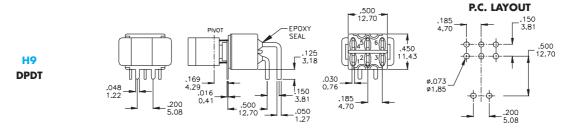


Dim. A .750 (19.05) W2 .964 (24.48) W3 .425 (10.08) W4 1.062 (26.97)



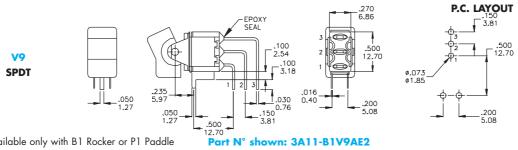
Available only with B1 Rocker

Part N° shown: 3A11-B1H9AE2

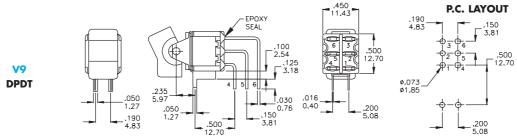


Available only with B1 Rocker or P1 Paddle

Part N° shown: 3A21-B1H9AE2



Available only with B1 Rocker or P1 Paddle



Available only with B1 Rocker or P1 Paddle

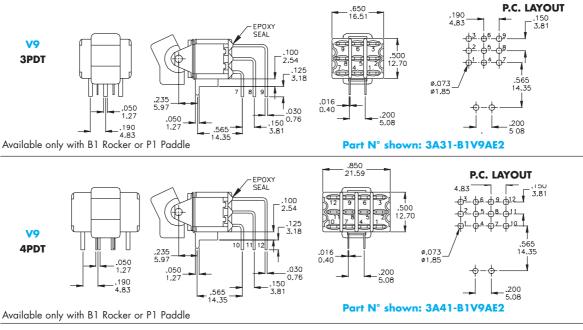
Part N° shown: 3A21-B1V9AE2

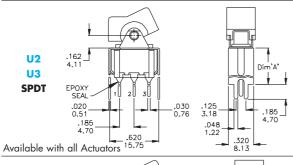


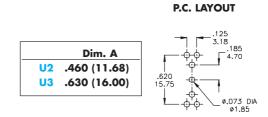


SERIES 3A

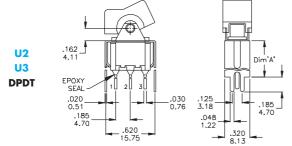
TERMINATIONS

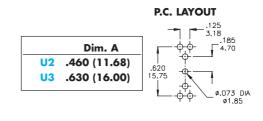






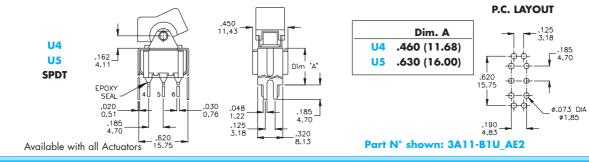
Part N° shown: 3A11-B1U_AE2





Available with all Actuators

Part N° shown: 3A21-B1U_AE2





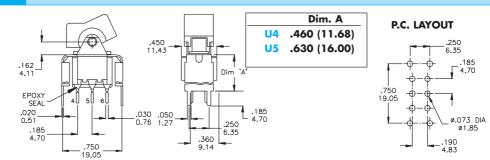
SERIES 3A

TERMINATIONS

U4

U5

DPDT



Available with all Actuators

Part N° shown: 3A21-B1U_AE2

U2S U3S









Available with all Actuators. U25 U35 U45 U55 have the same P.C mounting but with snap-in bracket

CONTACT MATERIALS

CONTACT RATINGS

5 (std) **Moving Contacts:** silver plated brass

Terminals: silver plated brass

Rating: 2 Amps with resistive load @ 250 VAC

5 Amps with resistive load @ 125 VAC or 28 VDC

A Moving Contacts: gold plating over nickel plated brass

Terminals: gold plating over nickel plated brass

Rating: 0.4 Volts/Amps max @ 20 Volts max (AC or DC)

G Moving Contacts: gold plating over silver plated brass

Terminals: gold plating over silver plated brass

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)

LABELLING (on packaging)

Transparent Trays 15x21x4 cm



The switches are individually marked with the following information:

Side 1 TRADE MARK SERIES AND MODEL DATE CODE

Side 2 RATING CONTACTS

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

P/N:
EL FNC.:
Q.TY:
DATE CODE:

Made in Taiwan

Qty per tray: (ST, PC Terminals) Series 3A1x 200 pcs

3A2x 100 pcs

3A3x 100 pcs 3A4x 50 pcs Note: Not all information may be available on some products.

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