

V3 Snap-action Switches *Up to 16(4)A 250Vac*



- ▶ Snap action switches
- ▶ Ratings up to 16A, 250Vac
- ▶ Industry standard V3
- ▶ Changeover, NO or NC function
- ▶ Choice of terminals and actuators
- ▶ Further options include gold plated contacts, lever types and terminal options



16(4)A 250Vac 50E3



16A 125/250Vac 3/4hp T85 50E3 UL file no. E45221
125V 1/2 HP, 250V 3/4 HP, 0.4A 125Vdc, 0.2A 250Vdc



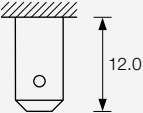
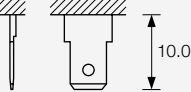

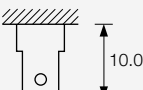
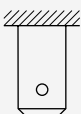


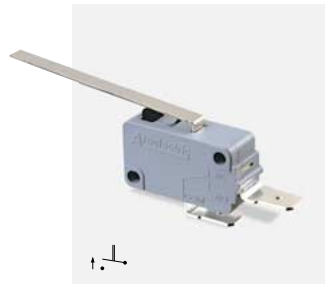
RoHS compliant by 3rd qtr 2005

μ contact gap.

C V3 1 1 A 01 35 AAA

TERMINAL SWITCH SERIES VARIANT FUNCTION LEVER POSITION LEVER SHAPE OPERATING FORCE OTHER FEATURES

▶ TERMINAL	▶ SWITCH SERIES	▶ VARIANT	▶ FUNCTION	▶ LEVER POSITION			
T  Solder	V3	1 Standard T85	0  CO ON-(ON) (momentary 1 side)	A Standard ratio			
C  6.3 x 0.8							
E  4.8 x 0.5					2 High Temperature T125	1  NO (ON) - OFF (momentary ON)	B High ratio
H  4.8 x 0.8							
L  RAST5 3 x 6.3 tabs on 5mm pitch							



CV311A0420



CV311N0005



TV311A0316



LV310N0010



CV312A1335



CV310N0010

LEVER SHAPE

00 No lever

01 **02** **04** Plain lever

03 Snake lever

12 **13** Roller lever

OP. FORCE

without lever

05 55gms

10 100gms

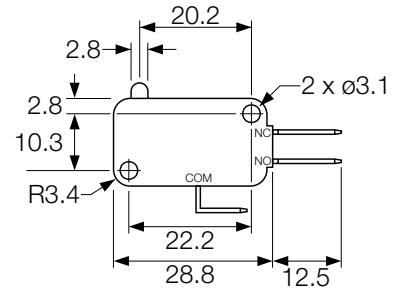
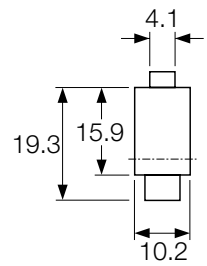
20 200gms

35 350gms

	01	02	03	04	12	13
Dim A	16.9	18.6	21.5	21.8	22.3	24.0
Dim B	24.2	35.7	32.7	59.2	21.5	34.0

Many alternative actuators are available. Contact factory for details.

DIMENSIONS (mm) (3 terminals shown)



TECHNICAL DATA

Mechanical life >1 million operations
 Operating Temperature -25°C to +85°C
 Insulation resistance >1000MΩ
 Tracking resistance 175V
 Contact gap 0.6 (min)

MECHANICAL DATA

High at rest point** 15.9
 Trip point** 14.7 ±0.5
 Pre-travel 1.2 (max)
 Movement differential 0.4 (max)
 Overtravel 1.25 (min)

**Measured from lower hole centre to top of plunger.

MATERIALS

Body, lid & Plunger Thermoplastic UL94V-0
 Terminals Plated brass
 Moving contact Phosphor bronze silver plated
 Spring Beryllium copper
 Contacts Fine silver
 Actuator/roller Stainless steel