

# 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 lever types and terminal styles



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



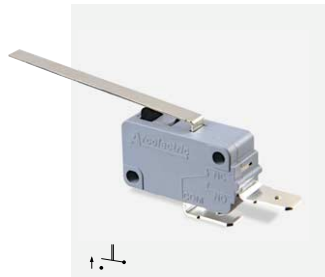
RoHS compliant

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
<b>T</b>  Solder	<b>V3</b>	<b>1</b> Standard T85	<b>0</b>  CO ON-(ON) (momentary 1 side)	<b>A</b>  Standard ratio
<b>C</b>  6.3 x 0.8				
<b>E</b>  4.8 x 0.5				
<b>H</b>  4.8 x 0.8				
<b>L</b>  RAST5 3 x 6.3 tabs on 5mm pitch				
		<b>2</b> High Temperature T125	<b>1</b>  NO (ON) - OFF (momentary ON)	<b>B</b>  High ratio
			<b>2</b>  NC ON - (OFF) (momentary OFF)	<b>N</b>  No lever



CV311A0420



CV311N0005



TV311A0316



LV310N0010



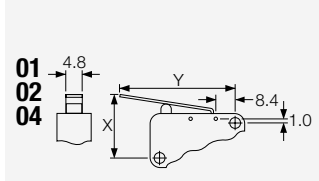
CV312A1335



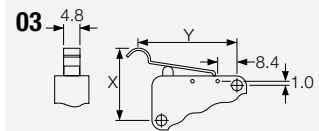
CV310N0010

**LEVER SHAPE**

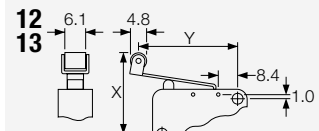
**00** No lever



Plain lever



Snake lever



Roller lever

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

Many alternative actuators are available.  
Contact sales for details.

**OP. FORCE**

without lever

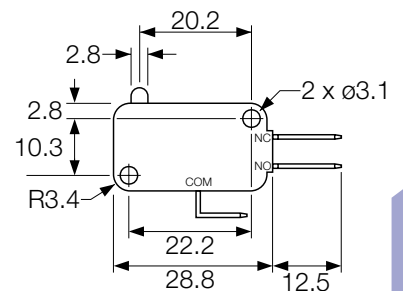
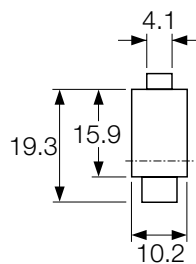
**05**  
55gms

**10**  
100gms

**20**  
200gms

**35**  
350gms

**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

snap action switches