

V4 Snap-action Switches Up to 5A 250Vac



- ▶ Snap action switches
- ▶ Ratings up to 5A, 250Vac
- ▶ Industry standard V4
- ▶ Changeover, NO or NC function
- ▶ Choice of terminals and actuators
- ▶ Further options include lever types and terminal styles



3A 125/250Vac T85



5A 125/250Vac UL file no. E45221



RoHS compliant

μ contact gap.

P V4 1 0 N 01 23 AAA

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

▶ TERMINAL	▶ SWITCH SERIES	▶ VARIANT	▶ FUNCTION	▶ LEVER POSITION
<p>P</p> <p>2.8 x 0.5</p>	V4	1 Standard T85	<p>0</p> <p>CO ON-(ON) (momentary 1 side)</p>	A Standard ratio
<p>T</p> <p>Solder</p>				
<p>X</p> <p>PCB</p>				
<p>D</p> <p>RH PCB</p>				
<p>J</p> <p>LH PCB</p> <p>Viewed from non plunger end (NC terminal end)</p>				
		2 High Temperature T125	<p>1</p> <p>NO (ON) - OFF (momentary ON)</p> <p>2</p> <p>NC ON - (OFF) (momentary OFF)</p>	N No lever



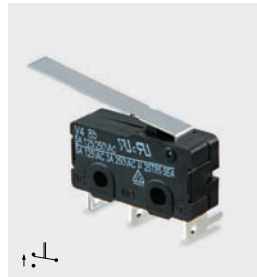
PV410N9908



XV410A1023



DV410N0016



JV410A0323



XV410A0623



PV410N0016

LEVER SHAPE

00 No lever

01 03 Plain lever

06 Roller lever

10 Snake lever

99 Domed actuator

	01	03	06	10
Dim H	12.4	13.2	17.5	21.0
Dim L	18.5	24.8	16.5	39.4

Many alternative actuators are available
Contact sales for details

OP. FORCE

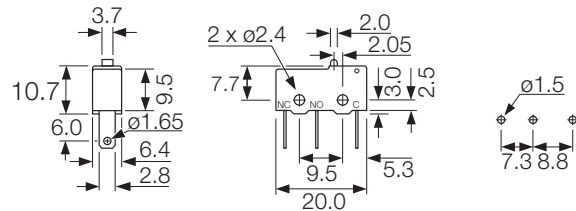
(without lever)

08 80gms

16 160gms

23 230gms

DIMENSIONS (mm)



TECHNICAL DATA

Mechanical life	>1 million operations
Temperature rating	T85°C
Insulation resistance	>1000MΩ
Tracking resistance	175V
Contact Gap	0.5

MECHANICAL DATA

High at rest point**	9.0
Trip point**	8.4 ±0.3
Pre-travel	0.6 (max)
Movement differential	0.2 (max)
Overtravel	0.5 (min)

**Measured from fixing hole centres to top of plunger

MATERIALS

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