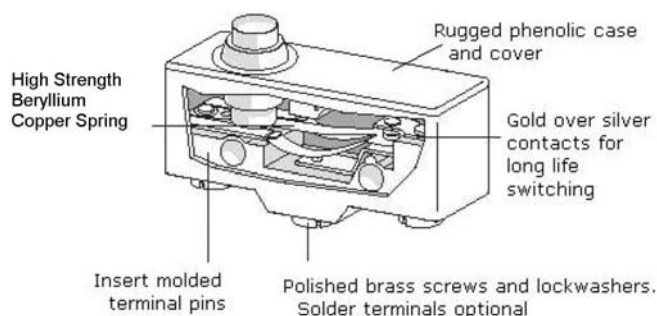


# General Purpose Snap Action Switch

## GP Series



### Features

- Ultra-small travel differential
- Mechanical life tested to over 20 million cycles
- Current rating up to 20 amps
- Wide variety of actuators
- Screw or solder terminals available
- VDE standard on 15A switches with screw terminals

Electrical Ratings		
Switch Series	UL508	VDE Approval to EN60947
GP*B	20A 250VAC	N/A
GP*C	15A 250VAC	15A 250VAC (Note: Only screw terminals have VDE approval)

Technical Specifications		Material Specifications	
<b>Temperature Rating:</b>	0°C + 55°C Max UL - 5°C to + 40°C VDE	<b>Case / Cover</b>	Phenolic
<b>Dielectric Strength</b>	1000 VAC 50/60 Hz for 1 minute	<b>Spring</b>	Beryllium Copper
<b>Insulation Resistance</b>	100M ohms min at 500 VDC	<b>Contacts:</b>	Silver Alloy
<b>Initial Contact Resistance</b>	15m ohms max	<b>Terminals:</b>	Screw Terminals: Brass Solder Terminals: Copper Alloy
		<b>Contacts:</b>	Silver Alloy
<b>Mounting:</b>	US Holes: #6-32 Fastener with 6.0 In-Lb Max Torque Metric Holes: M4 Fastener with 6.0 In-Lb Max Torque		
<b>UL File Number:</b>	E184788	<b>Lever Actuator:</b>	Nickel Plated Steel

RoHS Compliant

Specifications subject to change without notice



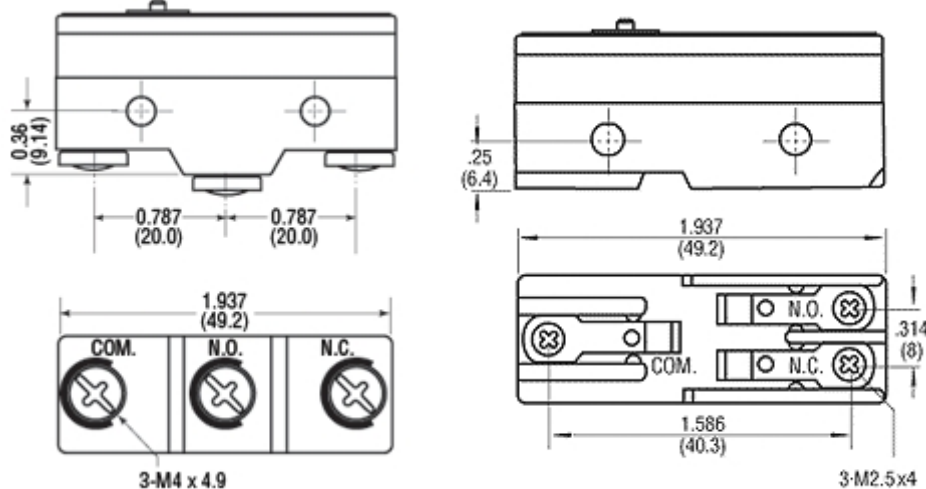
VDE for 15 amp  
with screw  
terminals only



# General Purpose Snap Action Switch

## GP Series

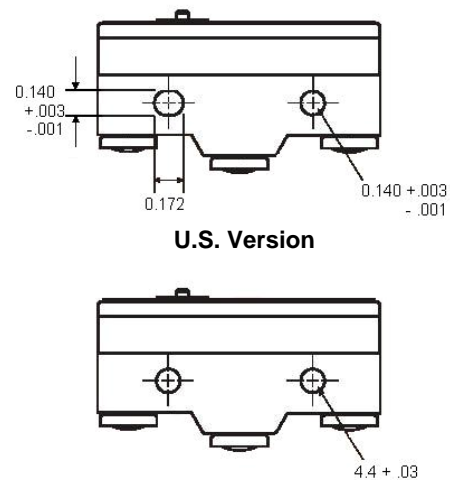
### Terminal Types



**Screw Terminal**

**Solder Terminal**

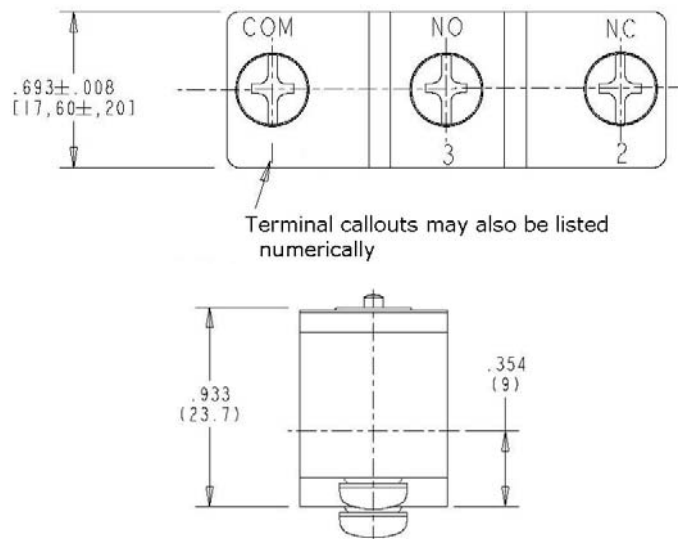
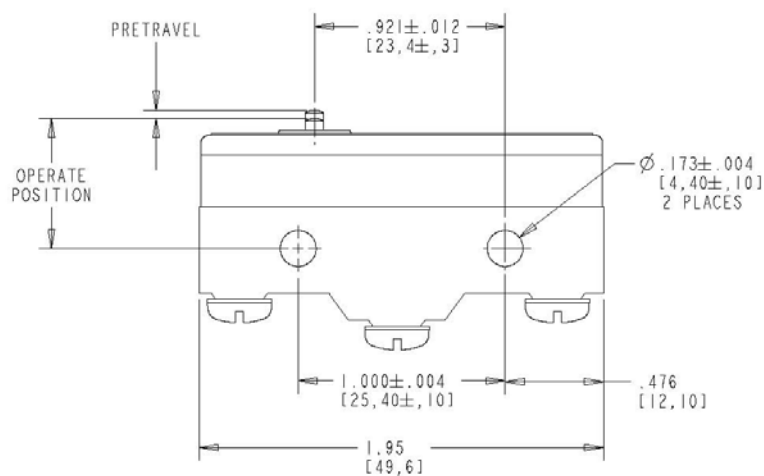
### Mounting Holes



**U.S. Version**

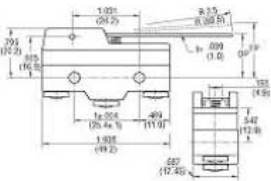
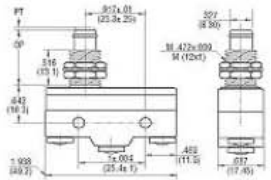
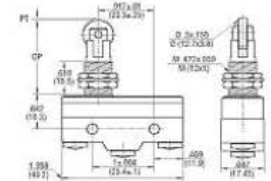
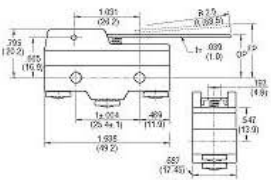
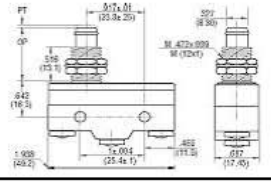
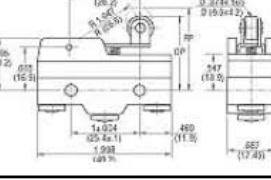
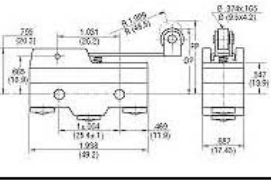
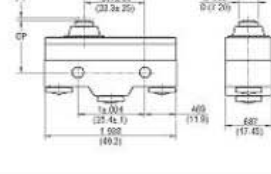
**Metric Version**

### Dimensions inches(mm)



Note: GP Series switches are available with screw or solder terminals and with U.S. or metric holes

- For solder terminals, replace the "T" in the third position of the part number with an "S" (e.g. GPSCNA11 was GPTCNA11)
- For metric holes, replace the "1" in the seventh position with a "0" (e.g. GPTCNA01 was GPTCNA11)

	Part Number	Operating Force Maximum (oz)	Release Force Minimum (oz)	Pretravel Maximum inches (mm)	Operating Point Min/Max inches (mm)	Overtravel Minimum inches (mm)	Movement Differential Maximum inches (mm)	Mounting Hole	Terminal Type
	GPTCLS11	2.5	0.5	0.394 (10.00)	0.716 / 0.780 (18.20 / 19.80)	0.220 (5.61)	0.050 (1.27)	U.S.	Screw
	GPTBLS11	2.8	0.5	0.394 (10.00)	0.716 / 0.780 (18.20 / 19.80)	0.220 (5.61)	0.050 (1.27)	U.S.	Screw
	GPTCNH11	12.3	4	0.016 (0.41)	0.826 / 0.890 (20.98 / 22.60)	0.217 (5.51)	.002 (0.05)	U.S.	Screw
	GPTBNH11	22.9	7.1	0.028 (0.70)	0.826 / 0.890 (21.00 / 22.60)	0.217 (5.51)	0.008 (0.20)	U.S.	Screw
	GPTCRH11	12.3	4	0.016 (0.41)	1.27 / 1.36 (32.2 / 34.6)	0.141 (3.58)	0.016 (0.4)	U.S.	Screw
	GPTBRH11	22.9	7.1	0.028 (0.70)	1.268 / 1.362 (32.20 / 34.60)	0.141 (3.58)	0.008 (0.20)	U.S.	Screw
	GPTCLS01	2.5	0.5	0.394 (10.00)	0.716 / 0.780 (18.20 / 19.80)	0.220 (5.6)	0.050 1.27	Metric	Screw
	GPTCNH01	12.3	4	0.016 (0.41)	0.826 / 0.890 (20.98 / 22.60)	0.216 (5.5)	0.002 (0.05)	Metric	Screw
	GPTCRM01	5.6	1.5	0.106 (2.70)	1.17 / 1.21 (29.80 / 30.60)	0.094 (2.40)	0.020 (0.50)	Metric	Screw
	GPTCRM11	5.6	1.5	0.106 (2.70)	1.17 / 1.21 (29.80 / 30.60)	0.094 (2.40)	0.020 (0.50)	U.S.	Screw
	GPTCRS01	3.5	0.8	0.280 (7.10)	1.16 / 1.22 (29.40 / 31.00)	0.158 (4.00)	0.040 (1.02)	Metric	Screw
	GPTCRS11	3.5	0.8	0.280 (7.10)	1.16 / 1.22 (29.40 / 31.00)	0.158 (4.00)	0.040 (1.02)	U.S.	Screw
	GPTCNC11	12.3	4	0.016 (0.40)	0.826 / 0.866 (21.00 / 22.00)	0.063 (1.60)	0.002 (0.05)	U.S.	Screw
	GPTBNC11	23	7.1	0.028 (0.7)	0.826 / 0.866 (21.00 / 22.00)	0.062 (1.6)	0.007 (0.18)	U.S.	Screw

Specifications subject to change without notice

## Contact

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Website for more information.

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