

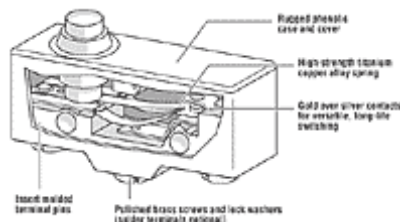
GP Series

Snap Action Switch


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HEAVY-DUTY SNAP ACTION SWITCH

- Ultra-small travel differential
- Mechanical life tested to 1 million cycles
- Current switching to 15 amps
- Wide variety of actuators
- Screw or solder terminals standard
- Low operate forces available


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GP Series

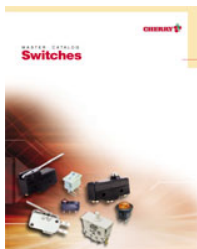

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MATERIAL SPECIFICATIONS

Case:	Phenolic
Cover:	Phenolic
Spring:	Titanium Copper Alloy
Contacts:	Silver Alloy
Terminals:	Base Screw Terminals; Copper Alloy Solder Terminals
Lever Actuator:	Nickel-Plated Steel

SPECIFICATIONS

To download a PDF
of the **Cherry Switches**
Master Catalog,
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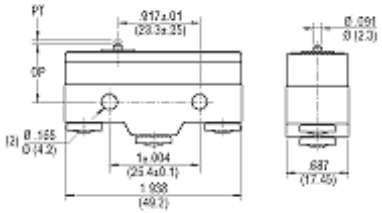
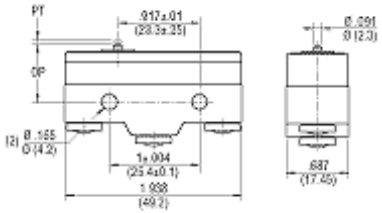
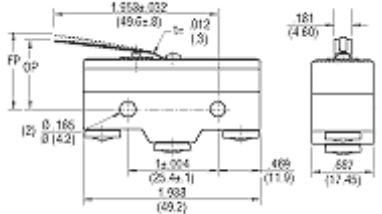
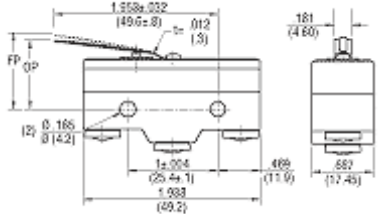
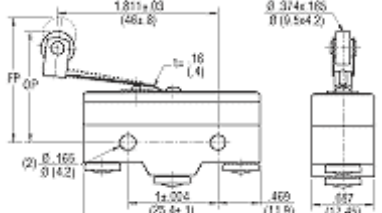
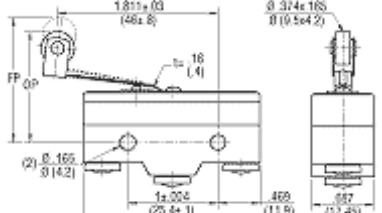
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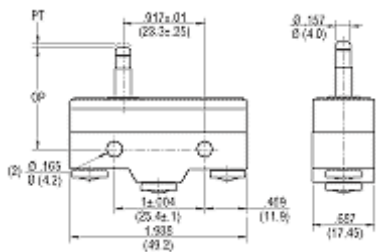
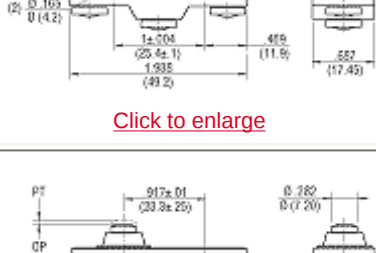
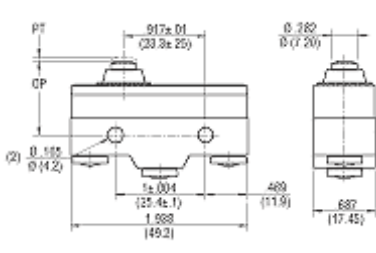
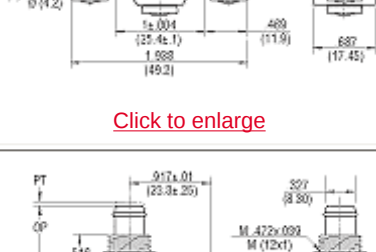
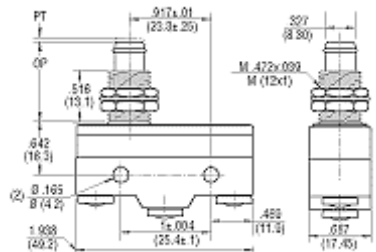
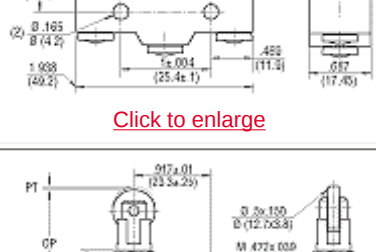
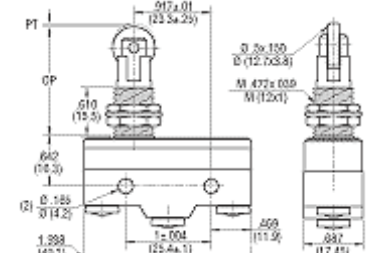
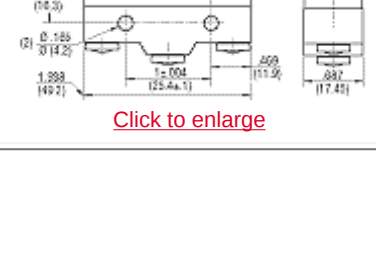


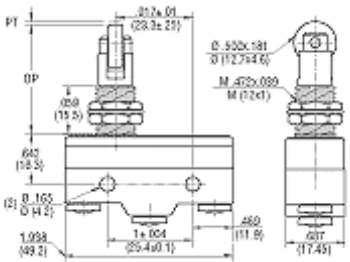
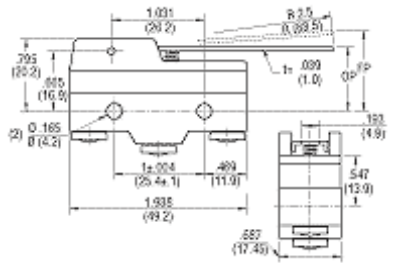
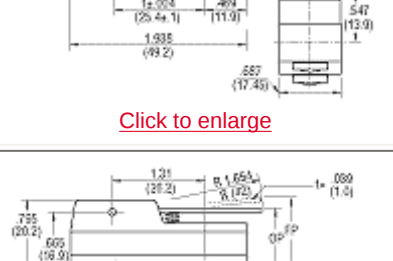
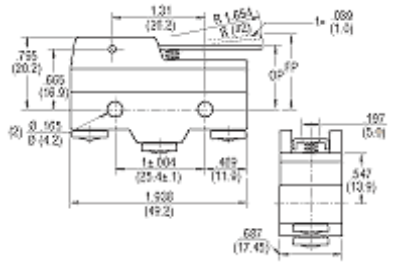
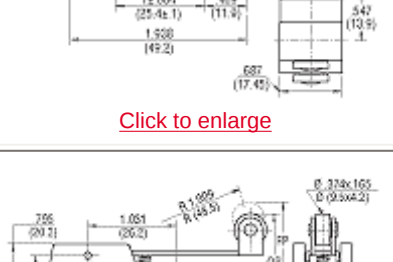
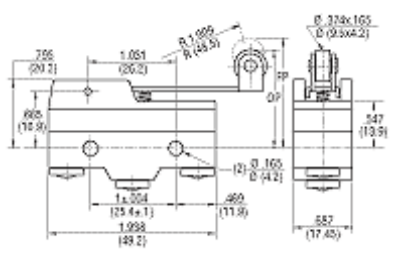
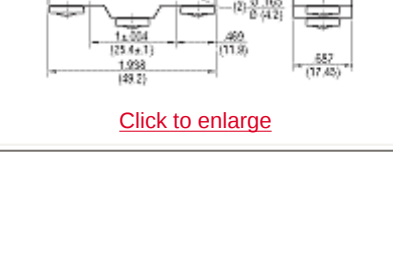
Ratings:
Dielectric Strength 1000VAC 50/60Hz for 1 minute
Insulation Resistance: 100M ohms min at 500VDC
Initial Contact Resistance: 15m ohms max
Temperature Range: -20°C to +85°C

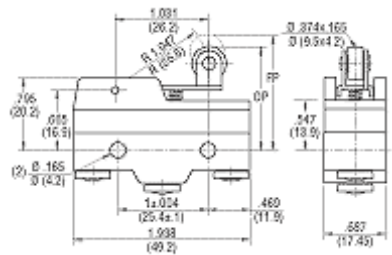
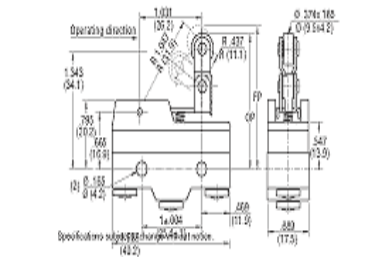
15A 125VAC / 250 VAC (UL)
1000VAC 50/60Hz for 1 minute
100M ohms min at 500VDC
15m ohms max
-20°C to +85°C

STANDARD PART NUMBERS AND DESCRIPTIONS

Dimensions inch (mm)	Part #	Operating Force (oz.)	Release Force Min (oz.)	Operating Position (in.)	Pretravel Max (in.)	Overtravel Min (in.)	Movement Differential Max (in.)	Terminal Type	Mounting Hole
 Click to enlarge	GPSCNA01	8.8 to 12.3	4.0	.610 to .642	.016	.005	.002	Solder	Metric
	GPSCNA11								U.S.
 Click to enlarge	GPTCNA01	8.8 to 12.3	4.0	.610 to .642	.016	.005	.002	Screw	Metric
	GPTCNA11								U.S.
 Click to enlarge	GPSCLR01	4.9 (Max.)	.5	.653 to .717	.158	.063	.051	Solder	Metric
	GPSCLR11								U.S.
 Click to enlarge	GPTCLR01	4.9 (Max.)	.5	.653 to .717	.158	.063	.051	Screw	Metric
	GPTCLR11								U.S.
 Click to enlarge	GPSCRR01	4.9 (Max.)	.5	1.094 to 1.158	.158	.063	.051	Solder	Metric
	GPSCRR11								U.S.
 Click to enlarge	GPTCRR01	7.1 (Max.)	.5	1.094 to 1.158	.158	.063	.051	Screw	Metric
	GPTCRR11								U.S.

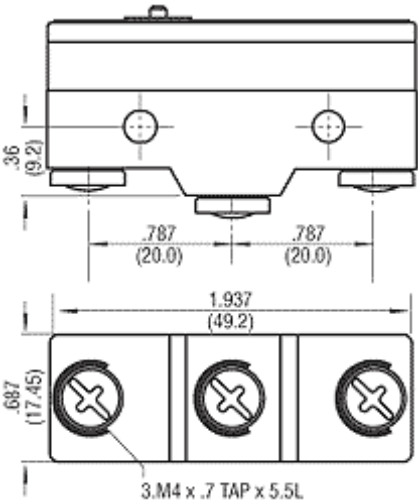
 Click to enlarge	GPSCND01	8.8 to 12.3	4.0	1.09 to 1.13	.016	.063	.002	Solder	Metric
	GPSCND11								U.S.
 Click to enlarge	GPTCND01	8.8 to 12.3	4.0	1.09 to 1.13	.016	.063	.002	Screw	Metric
	GPTCND11								U.S.
 Click to enlarge	GPSCNC01	8.8 to 12.3	4.0	.827 to .867	.016	.063	.002	Solder	Metric
	GPSCNC11								U.S.
 Click to enlarge	GPTCNC01	8.8 to 12.3	4.0	.827 to .867	.016	.063	.002	Screw	Metric
	GPTCNC11								U.S.
 Click to enlarge	GPSCNH01	8.8 to 12.3	4.0	.826 to .890	.016	.217	.002	Solder	Metric
	GPSCNH11								U.S.
 Click to enlarge	GPTCNH01	8.8 to 12.3	4.0	.826 to .890	.016	.217	.002	Screw	Metric
	GPTCNH11								U.S.
 Click to enlarge	GPSCRH01	8.8 to 12.3	4.0	1.240 to 1.320	.016	.140	.002	Solder	Metric
	GPSCRH11								U.S.
 Click to enlarge	GPTCRH01	8.8 to 12.3	4.0	1.240 to 1.320	.016	.140	.002	Screw	Metric
	GPTCRH11								U.S.
	GPSCRH02	8.8 to 12.3	4.0	1.240 to 1.320	.016	.140	.002	Solder	Metric
	GPSCRH12								U.S.

 Click to enlarge	GPTCRH02	8.8 to 12.3	4.0	1.240 to 1.320	.016	.140	.002	Screw	Metric
	GPTCRH12								U.S.
 Click to enlarge	GPSCLS01	2.4 (Max.)	.5	.716 to .780	.394	.220	.050	Solder	Metric
	GPSCLS11								U.S.
 Click to enlarge	GPTCLS01	2.4 (Max.)	.5	.716 to .780	.394	.220	.050	Screw	Metric
	GPTCLS11								U.S.
 Click to enlarge	GPSCLS02	4.0 (Max.)	.7	.716 to .780	.315	.165	.040	Solder	Metric
	GPSCLS12								U.S.
 Click to enlarge	GPTCLS02	4.0 (Max.)	.7	.716 to .780	.315	.165	.040	Screw	Metric
	GPTCLS12								U.S.
 Click to enlarge	GPSCRS01	3.5 (Max.)	.8	1.157 to 1.221	.280	.158	.040	Solder	Metric
	GPSCRS11								U.S.
 Click to enlarge	GPTCRS01	3.5 (Max.)	.8	1.157 to 1.221	.280	.158	.040	Screw	Metric
	GPTCRS11								U.S.
	GPSCRM01	5.6 (Max.)	1.4	1.173 to 1.205	.106	.095	.020	Solder	Metric
	GPSCRM11								U.S.

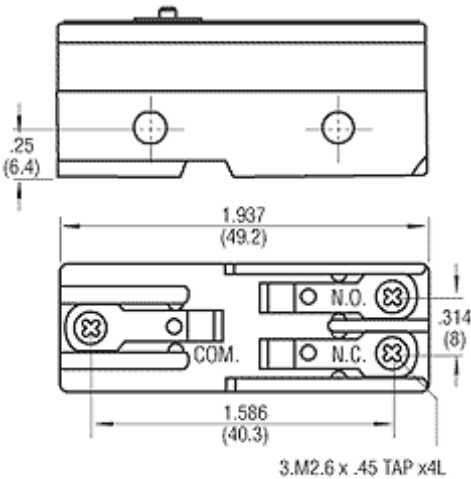
 Click to enlarge	GPTCRM01 GPTCRM11	5.6 (Max.)	1.4	1.173 to 1.205	.106	.095	.020	Screw	Metric U.S.
 Click to enlarge	GPSCRG01 GPSCRG11	5.9 (Max.)	1.4	1.594 to 1.658	.106	.095	.020	Screw	Metric U.S.

Specifications subject to change without notice.

TERMINAL TYPES



Screw Terminal



Solder Terminal

