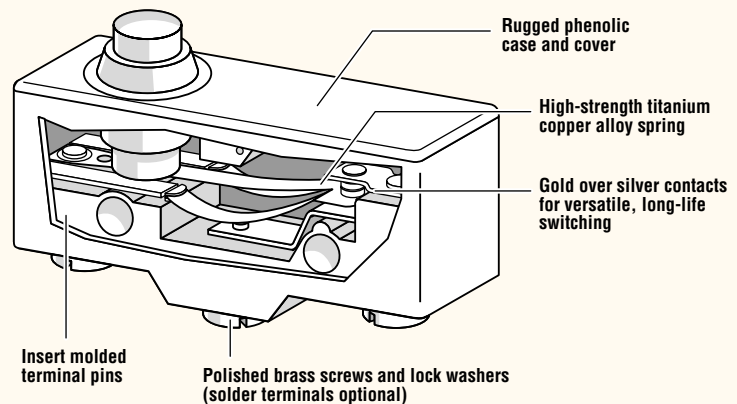


## HEAVY-DUTY SNAP ACTION SWITCH

# GP Series

### Features

- 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



### Material Specifications

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

### Specifications

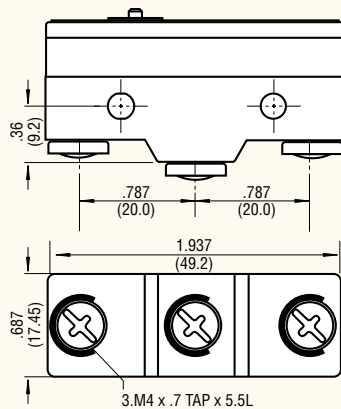
Ratings:	15A 125VAC / 250 VAC (UL)
Dielectric Strength:	1000VAC 50/60Hz for 1 minute
Insulation Resistance:	100M ohms min at 500VDC
Initial Contact Resistance:	15m ohms max
Temperature Range:	-20°C to +85°C



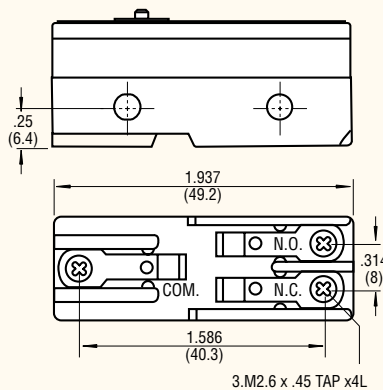
HEAVY-DUTY SNAP ACTION SWITCH

# GP Series

## Terminal Types

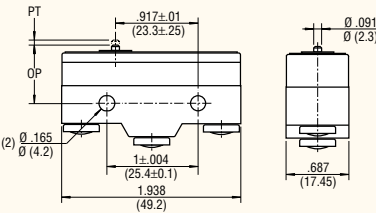
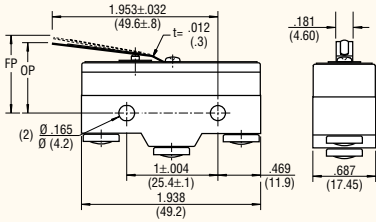
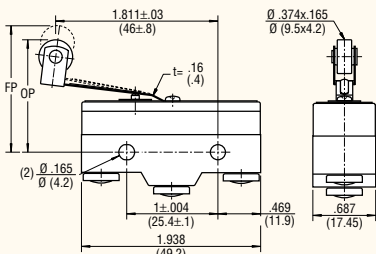


Screw Terminal



Solder Terminal

## Standard Part Numbers and Descriptions

Dimensions inch (mm)	Part Number	OF	RF	OP	PT	OT	MD	Terminal Type
		Min / Max (oz.)	Min (oz.)	Min / Max (in.)	Max (in.)	Min (in.)	Max (in.)	
	GPSNNA01	8.8/ 12.3	4.0	.610/ .642	.016	.005	.002	Solder
	GPTNNA01	8.8/ 12.3	4.0	.610/ .642	.016	.005	.002	Screw
	GPSNLR01	4.9 (Max.)	.5	.653/ .717	.158	.063	.051	Solder
	GPTNLR01	4.9 (Max.)	.5	.653/ .717	.158	.063	.051	Screw
	GPSNRR01	4.9 (Max.)	.5	1.094/ 1.158	.158	.063	.051	Solder
	GPTNRR01	4.9 (Max.)	.5	1.094/ 1.158	.158	.063	.051	Screw

OF – Operating Force  
PT – Pretravel

RF – Release Force  
OT – Overtravel

OP – Operating Position  
MD – Movement Differential



## Standard Part Numbers and Descriptions

Dimensions inch (mm)	Part Number	OF	RF	OP	PT	OT	MD	Terminal Type
		Min / Max (oz.)	Min (oz.)	Min / Max (in.)	Max (in.)	Min (in.)	Max (in.)	
	GPSNND01	8.8/ 12.3	4.0	1.09/ 1.13	.016	.063	.002	Solder
	GPTNND01	8.8/ 12.3	4.0	1.09/ 1.13	.016	.063	.002	Screw
	GPSNNC01	8.8/ 12.3	4.0	.827/ .867	.016	.063	.002	Solder
	GPTNNC01	8.8/ 12.3	4.0	.827/ .867	.016	.063	.002	Screw
	GPSNNH01	8.8/ 12.3	4.0	.826/ .890	.016	.217	.002	Solder
	GPTNNH01	8.8/ 12.3	4.0	.826/ .890	.016	.217	.002	Screw
	GPSNRH01	8.8/ 12.3	4.0	1.240/ 1.320	.016	.140	.002	Solder
	GPTNRH01	8.8/ 12.3	4.0	1.240/ 1.320	.016	.140	.002	Screw
	GPSNRH02	8.8/ 12.3	4.0	1.240/ 1.320	.016	.140	.002	Solder
	GPTNRH02	8.8/ 12.3	4.0	1.240/ 1.320	.016	.140	.002	Screw

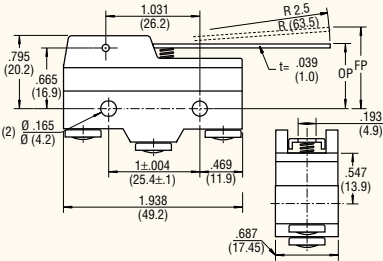
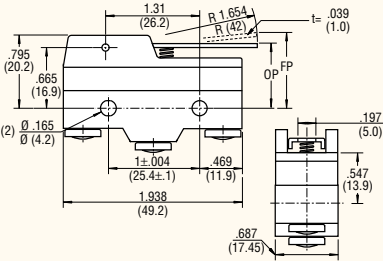
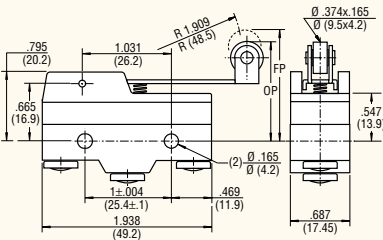
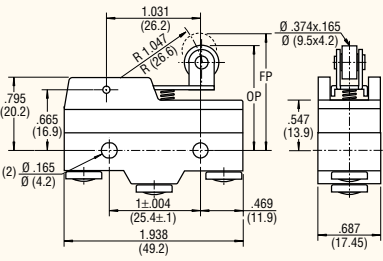
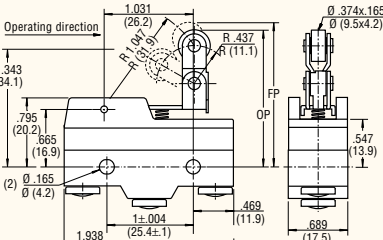
OF – Operating Force  
PT – Pretravel

RF – Release Force  
OT – Overtravel

OP – Operating Position  
MD – Movement Differential



## Standard Part Numbers and Descriptions

Dimensions inch (mm)	Part Number	OF	RF	OP	PT	OT	MD	Terminal Type
		Min / Max (oz.)	Min (oz.)	Min / Max (in.)	Max (in.)	Min (in.)	Max (in.)	
	GPSNLS01	2.4 (Max.)	.5	.716/ .780	.394	.220	.050	Solder
	GPTNLS01	2.4 (Max.)	.5	.716/ .780	.394	.220	.050	Screw
	GPSNLS02	3.1 (Max.)	.7	.716/ .780	.315	.165	.040	Solder
	GPTNLS02	3.1 (Max.)	.7	.716/ .780	.315	.165	.040	Screw
	GPSNRS01	3.5 (Max.)	.8	1.157/ 1.221	.280	.158	.040	Solder
	GPTNRS01	3.5 (Max.)	.8	1.157/ 1.221	.280	.158	.040	Screw
	GPSNRM01	5.6 (Max.)	1.4	1.173/ 1.205	.106	.095	.020	Solder
	GPTNRM01	5.6 (Max.)	1.4	1.173/ 1.205	.106	.095	.020	Screw
	GPTNRG01	5.9 (Max.)	1.4	1.594/ 1.658	.106	.095	.020	Screw

**OF** – Operating Force  
**RF** – Release Force  
**OP** – Operating Position  
**PT** – Pretravel  
**OT** – Overtravel  
**MD** – Movement Differential

### Contact

Call, fax or visit our website for more information.

### Cherry Electrical Products

11200 88th Avenue  
Pleasant Prairie, WI 53158

Phone: 800 927 6298  
 Fax: 262 942 6566  
 Web: [www.cherrycorp.com](http://www.cherrycorp.com)