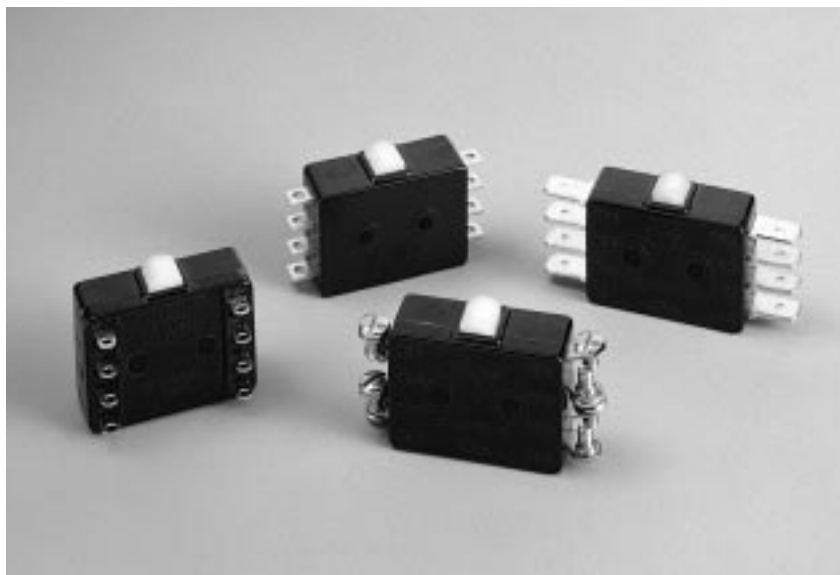


Type 22 – Miniature, 10 Amp, Double-Break

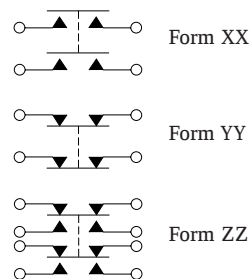


Typical Applications

- Pressure control sensors
- Pendant controls
- Door openers for transit equipment
- Valve actuators
- Lift trucks



actual size



Features

- Contains two individual switching elements which function simultaneously (within .004" of plunger travel)
- Fine silver contacts are standard; Gold-plated contacts also available
- Wide variety of terminals and actuators
- Approval: UL

Mechanical Characteristics

Pretravel: .060 max
 Overtravel: .015 min
 Operating Force: 17 ± 5 oz
 Release Force: 4 oz min
 Movement Differential: $.030 \pm .009$
 Operating Point: $.505 \pm .011$
 (from mounting holes)

Ordering Information

Part Number	Circuit	Terminals
22-104	DPDT-DB (Form ZZ)	End Solder
22-204	DPDT-DB (Form ZZ)	#4 Screw
22-304	DPDT-DB (Form ZZ)	Side Solder
22-504	DPDT-DB (Form ZZ)	Quick Disconnect .250

Actuators – Mechanical Characteristics

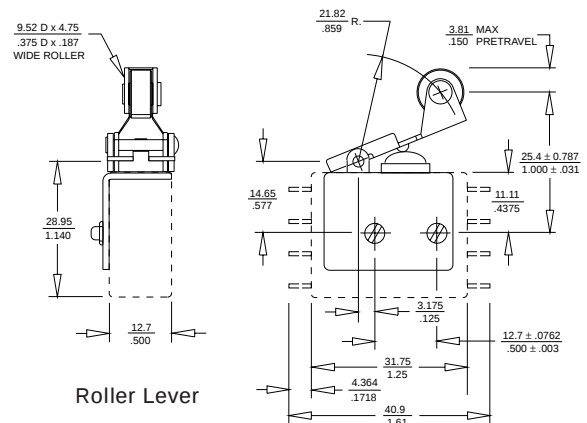
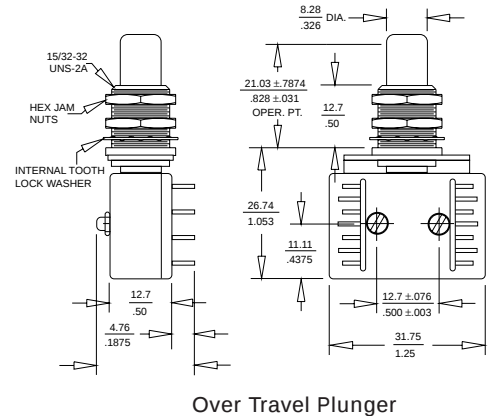
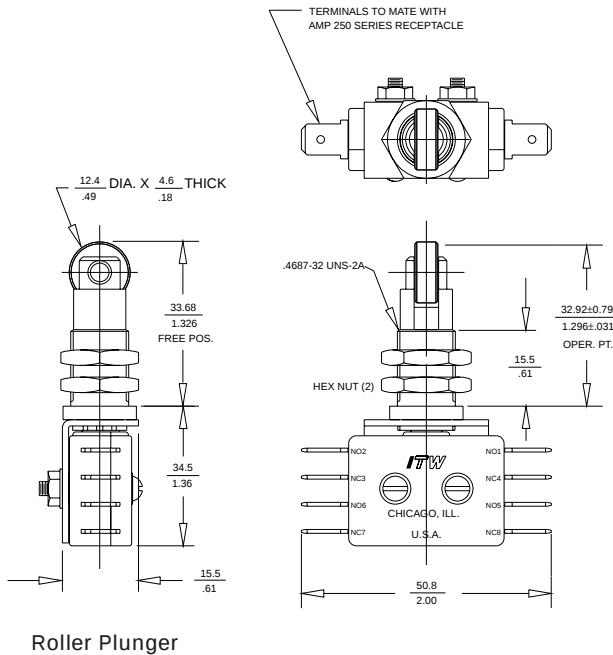
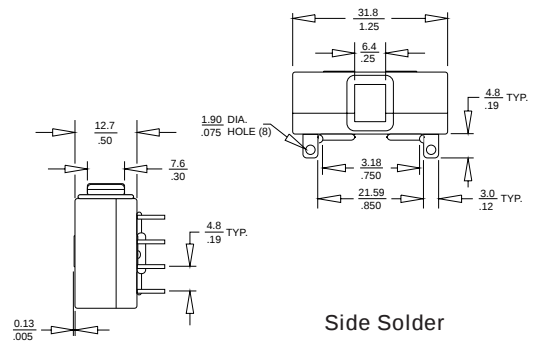
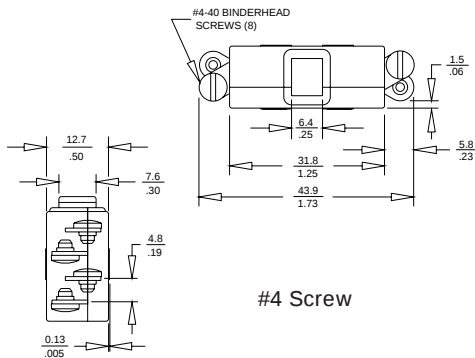
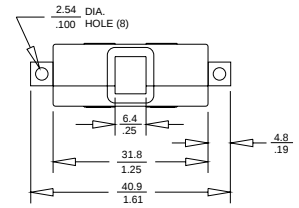
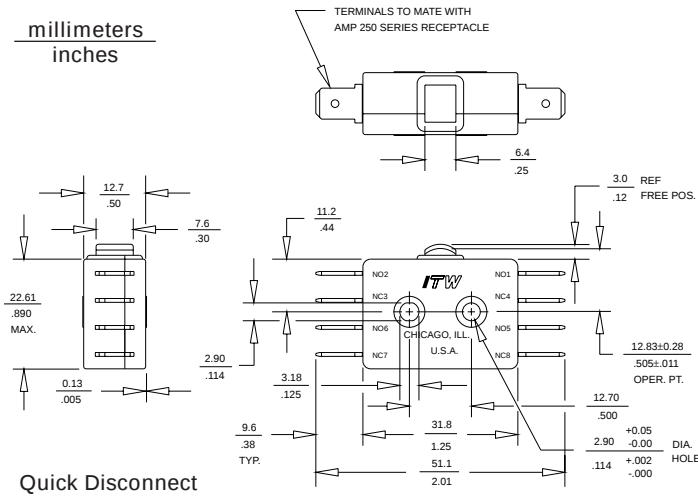
Part No.	Actuator	Operating Force	Release Force	Pre-Travel	Over-Travel	Movement Differential	Operating Point
72-1160	Roller Lever (1)	10 oz max	1.5 oz min	.150 max	.035 min	.070 $\pm$.015	1.000 $\pm$.031
72-2080	Over Travel (2) Plunger	17 $\pm$ 5 oz	4 oz min	.060 max	.215 min	.030 $\pm$.007	.828 $\pm$.031
72-2150	Roller Plunger	17 $\pm$ 5 oz	4 oz min	.060 max	.140 min	.028 $\pm$.007	1.296 $\pm$.031

(1) when used with 22-104 Basic Switch or 22-204 Basic Switch
 (2) when used with 22-304 Basic Switch



actual size

millimeters
inches



Electrical Characteristics

Circuitry	125/250 VAC	28 VDC
DPST-DB NO or NC (Form XX or YY)	10 amp (75-80% PF) ½ HP 125 VAC	15 amp Res 10 amp Ind
DPDT-DB (Form ZZ)	¾ HP 250 VAC	7 amp Ind 10 amp Res

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