

Linear motion 0.2 watt composition slide control

Features

- Innovative AC power switch, SPST or SPDT, available on mono element resistors
- 10-60mm slider travel
- 0.2 watt power rating (resistor)
- 1000 watt power rating (SPST switch)
- 600 watt power rating (SPDT switch)
- Detent at 50% travel available
- Multiple detents available
- Single or dual element designs
- Economical
- Wide resistance range
- Slim construction permits stacking many units in a small space



Electrical and Mechanical Specifications

Resistance Range

500 ohms through 1 megohm

Resistance Tolerance

Standard $\pm 20\%$
Available $\pm 10\%$

Resistance Tapers

Standard: Linear
Special: Available upon request

Insulation Resistance

10 megohms at 250 VDC

Voltage Rating

Across end terminals
Linear curves—300 VDC
(Not to exceed wattage ratings)

Power Rating, watts

Size Taper	10mm	15mm 20mm	30mm	45mm	60mm
Linear	0.05w	0.1w	0.2w	0.25w	0.5w
Non-linear	0.025w	0.05w	0.1w	0.15w	0.25w

Power Switch (optional)

SPST - 10,000 cycles carrying 1000 watts 120 VAC
(Tungsten-filament)
10,000 cycles switching 6A 120 VAC @ 0.75-0.80PF
(Inductive load)
SPDT - 10,000 cycles carrying 600 watts 120 VAC
(Tungsten-filament)
6,000 cycles switching 3A 120 VAC @ 0.75-0.80PF
(Inductive load)

Slide Travel

X and U Style: 10, 15, 20, 30, 45, and 60mm
V Style: 10, 15, 25, 40, and 55mm

Switch: 20mm = 17mm electrical + 3mm switch
30mm = 27mm electrical + 3mm switch

Actuator Information

See Illustrations, page 4 (Actuator Styles)

Operating Force

Either direction 20-150 gf
Switch OFF force: 100-500 gf
Stop Strength: 3K gf maximum, measured at base of slider

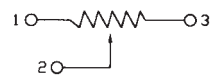
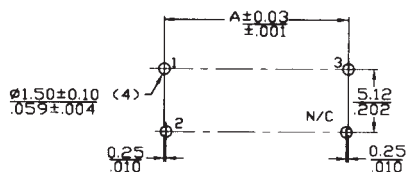
Detent Force (detent optional)

Leaving detent: 20-200 gf over operating force

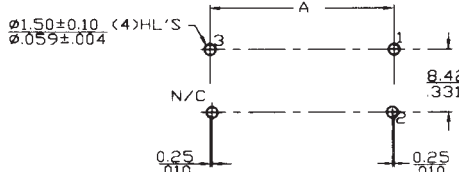
Operating Life

10,000 cycles

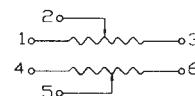
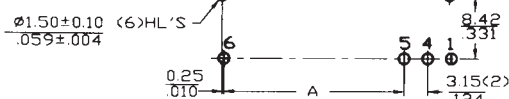
Type V448 MONO



MODEL	DIMENSIONS		
	L (Travel)	A	B
V448-10M	10/ .394	30.20/1.189	28.70/1.130
V448-15M	15/ .591	35.20/1.387	33.70/1.372
V448-25M	25/ .984	45.20/1.180	43.70/1.721
V448-40M	40/ 1.575	60.20/2.370	58.70/2.311
V448-55M	55/ 2.166	75.20/2.961	73.70/2.902

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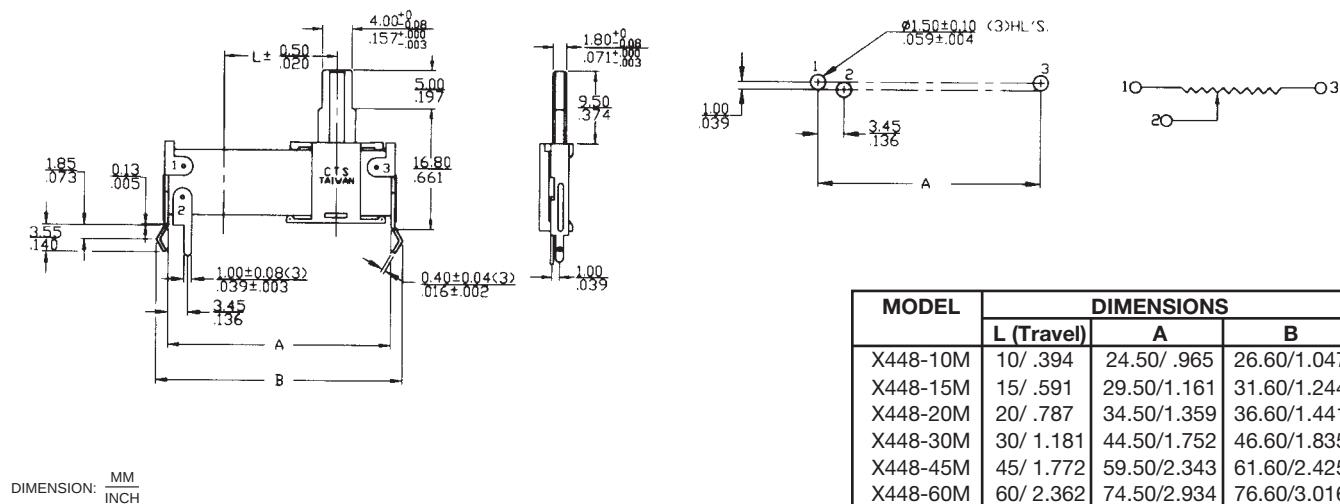
MODEL	DIMENSIONS		
	L (Travel)	A	B
U448-10M	10/ .394	19.60/ .772	23.70/ .933
U448-15M	15/ .591	24.60/ .969	28.70/1.130
U448-20M	20/ .787	29.60/1.165	33.70/1.327
U448-30M	30/ 1.181	39.60/1.559	43.70/1.720
U448-45M	45/ 1.772	54.60/2.149	58.70/2.311
U448-60M	60/ 2.362	69.60/2.740	73.70/2.902

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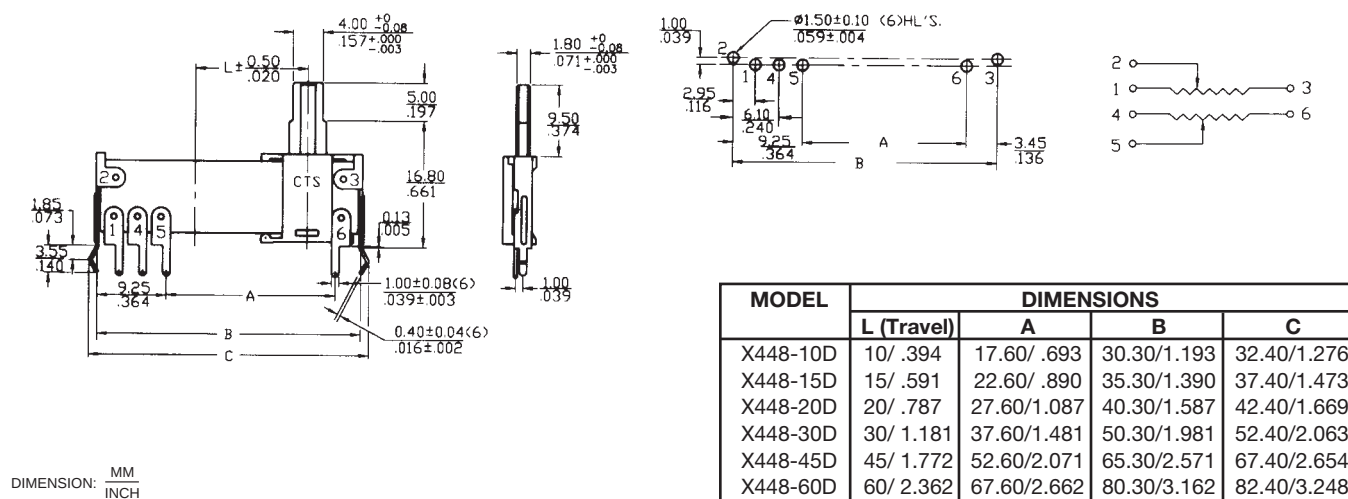
MODEL	DIMENSIONS			
	L (Travel)	A	B	C
U448-10D	10/ .394	19.10/ .752	25.40/1.000	29.50/1.161
U448-15D	15/ .591	24.10/ .949	30.40/1.197	34.50/1.358
U448-20D	20/ .787	29.10/1.146	35.40/1.394	39.50/1.553
U448-30D	30/ 1.181	39.10/1.539	45.40/1.787	49.50/1.949
U448-45D	45/ 1.772	54.10/2.130	60.40/2.378	64.50/2.533
U448-60D	60/ 2.362	69.10/2.721	75.40/2.969	79.50/3.131

查询"448"供应商

Type X448 MONO



Type X448 DUAL



Type X448 MONO W/SPST SWITCH

