

# Power Rheostats

100 Watt



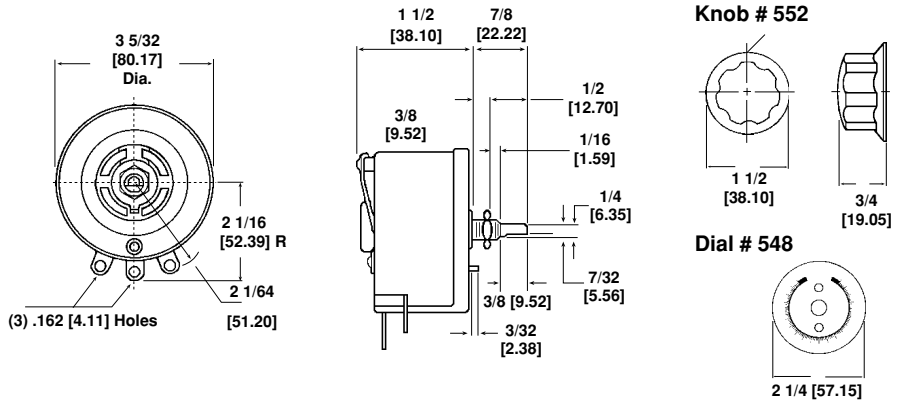
## FEATURES

- Diameter 3 5/32" [80.17mm]
- Depth behind panel 1 1/2" [38.10mm]
- Shaft 1/4" [6.35mm] diameter
- Rotation 300° ± 5°
- Weight 0.594 pounds (268 grams)
- Mounts on panels up to 1/4" [6.35mm] by means of a 3/8" [9.52mm], 32 bushing and hex nut
- Non-turn lugs require 3/16" [4.76mm] hole, 1/2" [12.70mm] below center of shaft - Model "A" shaft
- U. L. Listed, File No. E51076

## RESISTANCE VALUES\*

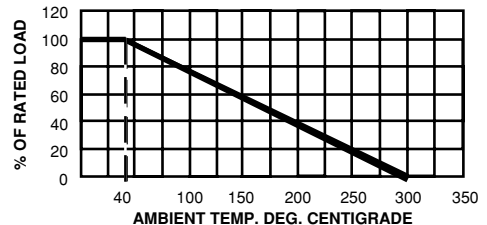
TOTAL OHMS	MAXIMUM AMPS	APPROXIMATE STEPS
0.5	14.140	30
1.0	10.000	30
2.0	7.071	56
3.0	5.774	66
5.0	4.472	56
7.5	3.652	66
10.0	3.162	104
15.0	2.582	113
25.0	2.000	144
50.0	1.414	180
75.0	1.155	180
100.0	1.000	216
200.0	0.707	252
300.0	0.557	252
400.0	0.500	252
500.0	0.447	324
750.0	0.365	396
1000.0	0.316	410
2000.0	0.224	410
2500.0	0.200	410
5000.0	0.141	685
7500.0	0.115	820
10000.0	0.100	820

## DIMENSIONS in inches [millimeters]



## DERATING

Angstrom rheostat standard wattage ratings are based on a 300°C rise in "free-air" in ambient not exceeding + 40°C (shown). For other applications, wattage ratings are available based on 340°C rise in "free-air" in ambient not exceeding + 25°C, and in other cases + 50°C.



\* All other intermediate resistance values are available and can be manufactured on a normal delivery cycle.

## SPECIAL SHAFTS in inches [millimeters]

<p><b>TYPE B:</b> 1/2 [12.70], 11/32 [8.73] Models. Slotted shaft with standard bushing for 1/8 [3.18] panel.</p>	<p><b>TYPE C:</b> 3/4 [19.05], 5/8 [15.88] Models. Locking bushing with slotted shaft for 1/4 [6.35] panel.</p>	<p><b>TYPE D:</b> 5/8 [15.88], 1/2 [12.70] Models. Locking bushing with slotted shaft for 1/8 [3.18] panel.</p>	<p><b>TYPE E:</b> 27/32 [21.43], 11/32 [8.73] Models. Std. bushing and flatted shaft w/screwdriver slot for 1/8 [3.18] panel.</p>
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