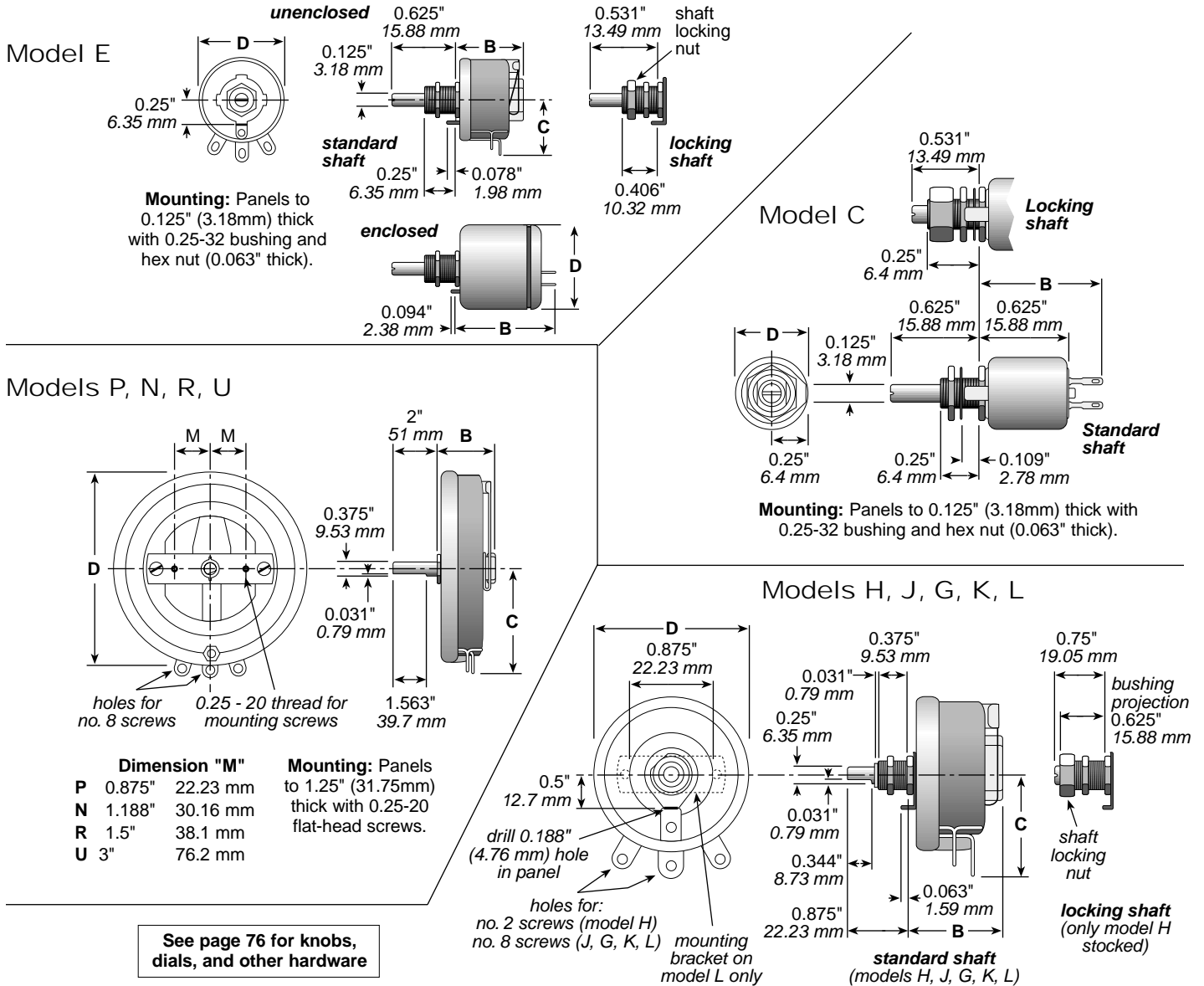


Rheostats

(Potentiometers) Wirewound



See page 76 for knobs, dials, and other hardware

Since all rheostats/potentiometers are electro-mechanical devices, they are subject to mechanical wear and, therefore, have a finite life.

Mounting: Panels to 0.25" (6.35mm) thick with 0.375-32 bushing and hex nut (0.094" thick) (or with 10-32 x 0.75 F.H. screws for model L only).

| Model | Type | Watts | Ohmic range | Core | Voltage (RMS) | Behind panel "B" (In./mm) | Diameter "D" (In./mm) | Dimension "C" (In./mm) | Shaft torque | Rotation (±5°) |
|-------|---------|-------|-------------|----------|---------------|---------------------------|-----------------------|------------------------|------------------|----------------|
| E | RES/REL | 12.5 | 1.0-15K | open | 305 | 0.688/17.46 | 0.875/ 22.23 | 0.594/15.08 | 1-6 oz. in. | 300° |
| H | RHS/RHL | 25 | 1.0-25K | open | 500 | 1.375/34.93 | 1.560/ 39.62 | 0.940/23.88 | 0.25-0.5 lb. in. | 300° |
| J | RJS | 50 | 0.5-50K | open | 750 | 1.375/34.93 | 2.31 / 58.67 | 1.56 /39.62 | 0.25-2 lb. in. | 300° |
| G | RGS | 75 | 0.5-50K | open | 900 | 1.750/44.45 | 2.75 / 69.25 | 1.78 /45.21 | 0.5-2 lb. in. | 300° |
| K | RKS | 100 | 0.5-50K | open | 1000 | 1.750/44.45 | 3.125/ 79.38 | 1.91 /48.51 | 0.5-2 lb. in. | 300° |
| L | RLS | 150 | 0.5-50K | open | 1200 | 2.000 / 50.8 | 4.00 /101.60 | 2.28 /57.91 | 0.5-3 lb. in. | 300° |
| P | RPS | 225 | 1.0-30K | open | 1300 | 2.125/53.98 | 5.00 /127.00 | 2.97 /75.44 | 2.5-4 lb. in. | 310° |
| N | RNS | 300 | 1.0-50K | open | 1225 | 2.375/60.33 | 6.00 /152.40 | 3.44 /87.38 | 2.5-5 lb. in. | 320° |
| R | RRS | 500 | 1.0-20K | open | 1450 | 2.125/53.98 | 8.00 /203.20 | 4.31/109.47 | 4.5-7 lb. in. | 325° |
| U | RUS | 1000 | 1.0-20K | open | 1600 | 3.000 / 76.2 | 12.00 /304.80 | 6.38/162.05 | 3.5-7 lb. in. | 335° |
| C | RCS/RCL | 7.5 | 10.0-5K | enclosed | 305 | 0.875/22.23 | 0.515/ 13.08 | — | 0.25-3 oz. in. | 300° |
| E | REE | 12.5 | 1.0-15K | enclosed | 305 | 1.219/30.96 | 1.047/ 26.59 | — | 1-6 oz. in. | 300° |

• Models H, J, G, and K also available in enclosed versions.
• See Catalog #203 for complete details.
Made-to-order rheostats available: Contact nearest Ohmite sales office.

STOCK PART NUMBERS FOR STANDARD RESISTANCE VALUES

| Ohmic value | Part No. Prefix Suffix ▼ | 7.5W Model C | | | 12.5W Model E | | | 25W Model H | | | 50W Model J | 75W Model G | 100W Model K | 150W Model L | 225W Model P | 300W Model N | 500W Model R | 1000W Model U |
|---------------|--------------------------|--------------------|-----------|------------|--------------------|---------|----------|-------------|--------------------|---------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | | Std. shaft Locking | Locking | Amps max. | Std. shaft Locking | Locking | Enclosed | Amps max. | Std. shaft Locking | Locking | Amps max. | Amps max. | Amps max. | Amps max. | Amps max. | Amps max. | Amps max. | Amps max. |
| 0.5 ---R50 | | | | | | | | | | ✓ 10.0 | ✦ 12.3 | ✦ 14.1 | ✦ 17.3 | | | | | |
| 1 ---1R0 | | | | ⊕ ✦ ✦ 3.53 | ✓ ✦ 5.00 | ✓ 7.07 | ✦ 8.66 | ✦ 10 | ✦ 12.3 | ✦ 15.0 | ✦ 17.32 | ✦ 22.3 | ✦ 31.6 | | | | | |
| 1.5 ---1R5 | | | | | | | | | | | | | | | | | | |
| 2 ---2R0 | | | | ✓ ✦ ✦ 2.50 | ✓ ✦ 3.54 | ✓ 5.00 | ✦ 6.12 | ✦ 7.07 | ✦ 8.65 | ✦ 10.6 | ✦ 12.24 | ✦ 15.8 | ✦ 22.4 | | | | | |
| 2.5 ---2R5 | | | | ✦ ✦ ✦ 2.24 | | | | | | | | | | | | | | |
| 3 ---3R0 | | | | ✦ ✦ ✦ 2.04 | ⊕ ✦ 2.88 | | | | | | | | | | | | | |
| 4 ---4R0 | | | | | | ✓ 3.53 | | | | | | | | | | | | |
| 5 ---5R0 | | | | ✦ ✦ ✦ 1.58 | | | | | | | | | | | | | | |
| 6 ---6R0 | | | | ✦ ✦ ✦ 1.44 | ⊕ ✦ 2.04 | ⊕ 2.88 | | | | | | | | | | | | |
| 7.5 ---7R5 | | | | | | | | | | | | | | | | | | |
| 8 ---8R0 | | | | ⊕ ✦ ✦ 1.25 | ✓ ✦ 1.77 | ✓ 2.50 | | | | | | | | | | | | |
| 10 ---10R | ✦ ✦ 0.86 | ✓ ✦ ✦ 1.12 | ⊕ ✦ 1.58 | | | | | | | | | | | | | | | |
| 12 ---12R | | | | | | | | | | | | | | | | | | |
| 12.5 ---12R5 | | | | | | | | | | | | | | | | | | |
| 15 ---15R | ✦ ✦ 0.71 | ✦ ✦ ✦ 0.91 | ⊕ ✦ 1.29 | | | | | | | | | | | | | | | |
| 16 ---16R | | | | | | | | | | | | | | | | | | |
| 22 ---22R | | | | | | ✓ 1.76 | | | | | | | | | | | | |
| 25 ---25R | ✦ ✦ 0.55 | ⊕ ✦ ✦ 0.71 | ⊕ ✦ 1.00 | | | ✓ 1.50 | | | | | | | | | | | | |
| 35 ---35R | ✦ ✦ 0.46 | ✓ ✦ ✦ 0.60 | ⊕ ✦ 0.845 | | | | | | | | | | | | | | | |
| 40 ---40R | | | | | | | | | | | | | | | | | | |
| 50 ---50R | ✦ ✦ 0.39 | ✓ ✦ ✦ 0.50 | ⊕ ✦ 0.707 | | | ✓ 1.76 | | | | | | | | | | | | |
| 75 ---75R | ✦ ✦ 0.32 | ⊕ ✦ ✦ 0.40 | ⊕ ✦ 0.575 | | | ✓ 1.50 | | | | | | | | | | | | |
| 80 ---80R | | | | | | | | | | | | | | | | | | |
| 100 ---100 | ✦ ✦ 0.27 | ⊕ ✦ ✦ 0.36 | ⊕ ✦ 0.500 | | | ✓ 0.790 | | | | | | | | | | | | |
| 125 ---125 | | ✓ ✦ ✦ 0.32 | ✓ ✦ 0.445 | | | | | | | | | | | | | | | |
| 150 ---150 | ✦ ✦ 0.22 | ✦ ✦ ✦ 0.29 | ⊕ ✦ 0.575 | | | | | | | | | | | | | | | |
| 160 ---160 | | | | | | | | | | | | | | | | | | |
| 175 ---175 | | ✓ ✦ ✦ 0.27 | ✓ ✦ 0.375 | | | | | | | | | | | | | | | |
| 200 ---200 | ✦ ✦ 0.19 | ✦ ✦ ✦ 0.25 | | | | | | | | | | | | | | | | |
| 225 ---225 | | | ⊕ ✦ 0.470 | | | | | | | | | | | | | | | |
| 250 ---250 | ✦ ✦ 0.17 | ⊕ ✦ ✦ 0.22 | ⊕ ✦ 0.316 | | | | | | | | | | | | | | | |
| 300 ---300 | | | | | | ✓ 0.408 | | | | | | | | | | | | |
| 325 ---325 | | | | | | | | | | | | | | | | | | |
| 350 ---350 | ✦ ✦ 0.15 | ✓ ✦ ✦ 0.19 | ✓ ✦ 0.267 | | | | | | | | | | | | | | | |
| 400 ---400 | | | | | | | | | | | | | | | | | | |
| 500 ---500 | ✦ ✦ 0.12 | ⊕ ✦ ✦ 0.16 | ⊕ ✦ 0.222 | | | | | | | | | | | | | | | |
| 600 ---600 | | | | | | | | | | | | | | | | | | |
| 700 ---700 | | | | | | | | | | | | | | | | | | |
| 750 ---750 | ✦ ✦ 0.10 | ✦ ✦ ✦ 0.13 | ⊕ ✦ 0.182 | | | | | | | | | | | | | | | |
| 800 ---800 | | | ✓ 0.250 | | | | | | | | | | | | | | | |
| 900 ---900 | | | | | | | | | | | | | | | | | | |
| 1000 ---1K0 | ✦ ✦ 0.086 | ⊕ ✦ ✦ 0.10 | ⊕ ✦ 0.155 | | | | | | | | | | | | | | | |
| 1200 ---1K2 | | | | | | | | | | | | | | | | | | |
| 1250 ---1K25 | | | | | | | | | | | | | | | | | | |
| 1500 ---1K5 | ✦ ✦ 0.071 | ✓ ✦ ✦ 0.090 | ⊕ ✦ 0.129 | | | | | | | | | | | | | | | |
| 1600 ---1K6 | | | | | | ✦ 0.176 | | | | | | | | | | | | |
| 1750 ---1K75 | | | | | | | | | | | | | | | | | | |
| 1800 ---1K8 | | | | | | | | | | | | | | | | | | |
| 2000 ---2K0 | | | | | | | | | | | | | | | | | | |
| 2250 ---2K25 | | | | | | | | | | | | | | | | | | |
| 2500 ---2K5 | ✦ ✦ 0.055 | ✓ ✦ ✦ 0.070 | ⊕ ✦ 0.100 | | | | | | | | | | | | | | | |
| 3000 ---3K0 | | | | | | | | | | | | | | | | | | |
| 3500 ---3K5 | ✦ ✦ 0.046 | ✦ ✦ ✦ 0.060 | ⊕ ✦ 0.084 | | | | | | | | | | | | | | | |
| 4500 ---4K5 | | | | | | | | | | | | | | | | | | |
| 5000 ---5K0 | ✦ ✦ 0.039 | ✓ ✦ ✦ 0.050 | ⊕ ✦ 0.070 | | | | | | | | | | | | | | | |
| 7500 ---7K5 | | | | | | | | | | | | | | | | | | |
| 8000 ---8K0 | | | | | | | | | | | | | | | | | | |
| 10000 ---10K | | | | | | | | | | | | | | | | | | |
| 12500 ---12K5 | | | | | | | | | | | | | | | | | | |
| 15000 ---15K | | | | | | | | | | | | | | | | | | |
| 20000 ---20K | | | | | | | | | | | | | | | | | | |
| 25000 ---25K | | | | | | | | | | | | | | | | | | |
| 30000 ---30K | | | | | | | | | | | | | | | | | | |
| 40000 ---40K | | | | | | | | | | | | | | | | | | |
| 50000 ---50K | | | | | | | | | | | | | | | | | | |

⊕ = Most popular stock values
 ✓ = Stock values
 ✦ = Non-stock values subject to minimum handling charge per item
 Rheostats are silicone-ceramic coated at and above the following ohmic values:
 Model C: all
 Model E: 3500 |
 Model H: 7500 |
 Model J: 15,000 |
 Model G: 5000 |
 Model K: 7500 |
 Model L: 7500 |