

# Rheostats

## (Potentiometers) Wirewound



### MODEL C

| Model Type | Watts | Ohmic range | Core     | Max. Voltage (RMS)* | Behind panel "B" (in./mm Ref.) | Diameter "D" (in./mm Ref.) | Dimension "C" (in./mm Ref.) | Shaft torque   | Rotation (±5°) |
|------------|-------|-------------|----------|---------------------|--------------------------------|----------------------------|-----------------------------|----------------|----------------|
| C RCS/RCL  | 7.5   | 10.0-5K     | enclosed | 305                 | 0.875/22.23                    | 0.515/ 13.08               | —                           | 0.25-3 oz. in. | 300°           |

• See Catalog #203 for complete details.



### MODEL E

| Model Type | Watts | Ohmic range | Core     | Max. Voltage (RMS)* | Behind panel "B" (in./mm Ref.) | Diameter "D" (in./mm Ref.) | Dimension "C" (in./mm Ref.) | 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°           |
| E REE      | 12.5  | 1.0-15K     | enclosed | 305                 | 1.219/30.96                    | 1.047/ 26.59               | —                           | 1-6 oz. in.  | 300°           |

• See Catalog #203 for complete details.



Dimensions for reference only; consult factory for details.

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

Models H, J, K, L and N are listed under UL File No. E-10946 and CSA File No. 21309 unless noted otherwise.

All rheostats are 10% tolerance.

# Rheostats

## (Potentiometers) Wirewound

### MODELS H, J, G, K, L

| Model | Type    | Watts | Ohmic range | Core | Max. Voltage (RMS)* | Behind panel "B" (in./mm Ref.) | Diameter "D" (in./mm Ref.) | Dimension "C" (in./mm Ref.) | Shaft torque     | Rotation (±5°) |
|-------|---------|-------|-------------|------|---------------------|--------------------------------|----------------------------|-----------------------------|------------------|----------------|
| 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°           |

- Models H, J, G, and K also available in enclosed versions.
- See Catalog #203 for complete details.



**Mounting:** Panels to 0.25" (6.35mm) thick with 3/8-32 bushing and hex nut (3/32" thick) (or with 10-32 x 0.75 flat-head screws for model L only).

### MODELS P, N, R, U

| Model | Type | Watts | Ohmic range | Core | Max. Voltage (RMS)* | Behind panel "B" (in./mm Ref.) | Diameter "D" (in./mm Ref.) | Dimension "C" (in./mm Ref.) | Shaft torque  | Rotation (±5°) |
|-------|------|-------|-------------|------|---------------------|--------------------------------|----------------------------|-----------------------------|---------------|----------------|
| 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°           |

- See Catalog #203 for complete details.



(continued)

