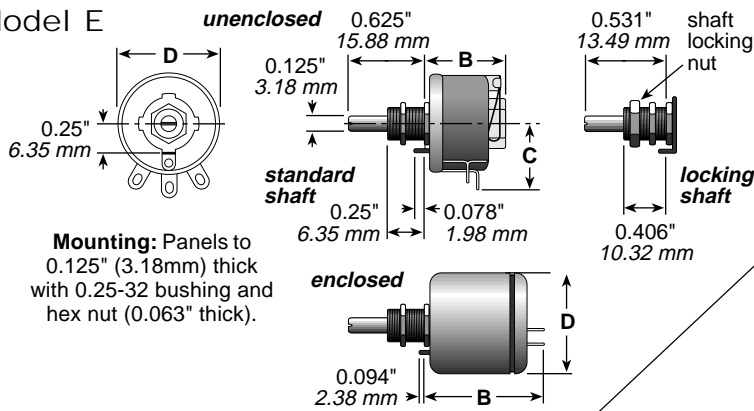


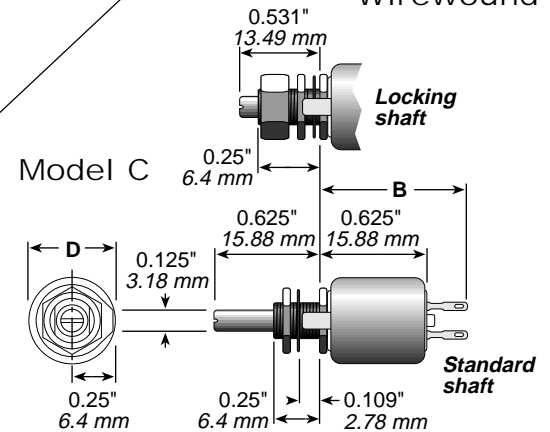
Rheostats

(Potentiometers)
Wirewound

Model E



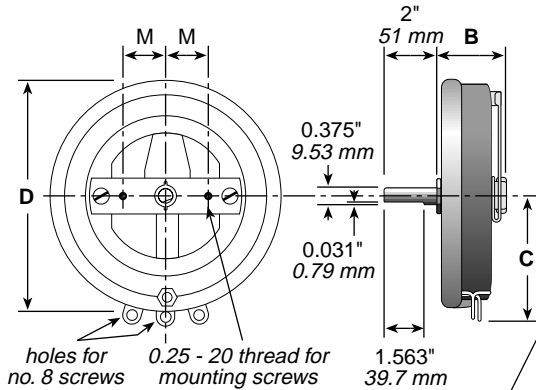
Mounting: Panels to 0.125" (3.18mm) thick with 0.25-32 bushing and hex nut (0.063" thick).



Model C

Mounting: Panels to 0.125" (3.18mm) thick with 0.25-32 bushing and hex nut (0.063" thick).

Models P, N, R, U

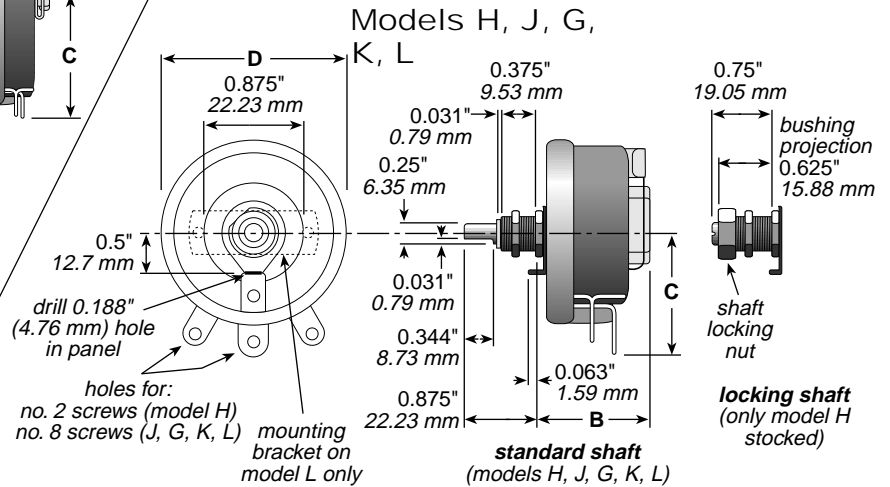


holes for no. 8 screws
0.25 - 20 thread for mounting screws
1.563" 39.7 mm

Dimension "M"		
P	0.875"	22.23 mm
N	1.188"	30.16 mm
R	1.5"	38.1 mm
U	3"	76.2 mm

Mounting: Panels to 1.25" (31.75mm) thick with 0.25-20 flat-head screws.

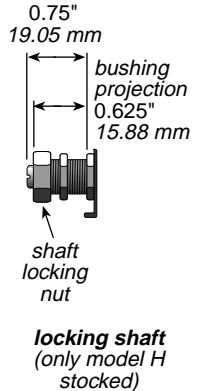
See page 39 for knobs, dials, and other hardware



drill 0.188" (4.76 mm) hole in panel
holes for: no. 2 screws (model H) no. 8 screws (J, G, K, L) mounting bracket on model L only

Models H, J, G, K, L

standard shaft (models H, J, G, K, L)



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).

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

Model	Type	Watts	Ohmic range	Core	Voltage (RMS)	Behind panel "B" (In./mm)	Diameter "D" (In./mm)	Dimension "C" (In./mm)	Shaft torque	Rotation (±°)
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	Amps max.	Std. shaft Locking	REL Enclosed	Amps max.	Std. shaft Locking	Amps max.	Amps max.	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																								✦	18.2	✦	25.8			
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																✦	14.1	✦	20.0				
3 ---3R0				✦	✦	✓	2.04	+	✦	2.88													✓	12.9	✦	18.3				
4 ---4R0									✓	3.53													✦	8.66	✦	11.2	✓	15.8		
5 ---5R0				✦	✓	✦	1.58																✓	7.50	+	10.0	+	14.1		
6 ---6R0				✦	✦	✦	1.44	+	✓	2.04	+	2.88											✦	6.71	✓	7.75	+	10.0		
7.5 ---7R5																							✦	5.49	✦	6.32				
8 ---8R0				+	✦	✦	1.25	✓	✦	1.77	✓	2.50											✓	7.90		✦	11.2			
10 ---10R	✓	+	0.86	✓	✓	✦	1.12	+	✦	1.58													✓	5.48	✓	5.48	+	10.0		
12 ---12R									✓	2.04																				
12.5 ---12R5																										+	6.30	✦	8.95	
15 ---15R	✦	✓	0.71	✦	✓	✦	0.91	+	✓	1.29													+	3.163	+	3.87	+	4.47		
16 ---16R																														
22 ---22R									✓	1.76																	✓	5.60	✓	7.90
25 ---25R	✓	✦	0.55	+	✓	✓	0.71	+	✦	1.00																				
35 ---35R	✦	✦	0.46	✓	+	✦	0.60	+	✦	0.845	+	1.19																		
40 ---40R																											✦	3.54		
50 ---50R	✦	✦	0.39	✓	+	✦	0.50	+	✦	0.707	+	1.00																		
75 ---75R	✓	✓	0.32	+	+	✦	0.40	+	✦	0.575																				
80 ---80R									✓	0.790																				
100 ---100	+	✓	0.27	+	✦	✦	0.36	+	✓	0.500																				
125 ---125				✓	✦	✦	0.32	✓	✦	0.445	+	0.630																		
150 ---150	✦	✦	0.22	✦	✦	✦	0.29																							
160 ---160																														
175 ---175				✓	✦	✦	0.27	✓	✓	0.375																				
200 ---200	✦	✦	0.19	✦	+	✓	0.25																							
225 ---225																														
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	+	0.316																		
600 ---600																														
700 ---700																														
750 ---750	✦	✦	0.10	✦	✦	✦	0.13	+	✦	0.182																				
800 ---800																														
900 ---900																														
1000 ---1K0	✓	✓	0.086	+	✓	✦	0.10	+	✦	0.155	+	0.224																		
1200 ---1K2																														
1250 ---1K25																														
1500 ---1K5	✦	✦	0.071	✓	✓	✦	0.090	+	✓	0.129																				
1600 ---1K6																														
1750 ---1K75																														
1800 ---1K8																														
2000 ---2K0																														
2250 ---2K25																														
2500 ---2K5	✓	✓	0.055	✓	✓	✦	0.070	+	✦	0.100	+	0.141																		
3000 ---3K0																														
3500 ---3K5	✦	✦	0.046	✦	✦	✓	0.060	+	✦	0.084	✓	0.119																		
4500 ---4K5																														
5000 ---5K0	✓	✓	0.039	✓	✦	✦	0.050	+	+	0.070	✓	0.100																		
7500 ---7K5				✦	✦	✓	0.041	✓	✦	0.058																				
8000 ---8K0																														
10000 ---10K				+	✦	✦	0.035	+	✦	0.050																				
12500 ---12K5				✦	✦	✦	0.031																							
15000 ---15K				✦	✦	✦	0.029	✓	✦	0.041	✦	0.058																		
20000 ---20K								✦	✦	0.035	✦	0.050																		
25000 ---25K								✦	✦	0.032	✦	0.045																		
30000 ---30K																														
40000 ---40K																														
50000 ---50K								✓	0.032																					

+ = 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: 3500Ω
 Model H: 7500Ω
 Model J: 15,000Ω
 Model G: 5000Ω
 Model K: 7500Ω
 Model L: 7500Ω