

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.



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°

Mounting: Panels to 1.25" (31.75mm) thick with 1/4-20 flat-head screws.

(continued)

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ORDERING INFORMATION

Code	Watts	Model	Shaft	Core
CL =	7.5	C	Locking	Enclosed
CS =	7.5	C	Standard	Enclosed
EE =	12.5	E	Locking	Open
EL =	12.5	E	Standard	Open
ES =	12.5	E	Standard	Open
GS =	75	G	Standard	Open
HL =	25	H	Locking	Open
HS =	25	H	Standard	Open
JS =	50	J	Standard	Open
KS =	100	K	Standard	Open
LS =	150	L	Standard	Open
NS =	300	N	Standard	Open
PS =	225	P	Standard	Open
RS =	500	R	Standard	Open
US =	1000	U	Standard	Open

Series —
Rheostats
Wirewound
Potentiometers

E = RoHS compliant

R C S R 5 0 E

*Check table for standard resistance values and maximum current values

Resistance Value*

Example:
R50 = 0.50Ω
1R0 = 1Ω
7R5 = 7.5Ω
250 = 250Ω
1K0 = 1,000Ω
1K75 = 1,750Ω
4K5 = 4,500Ω
50K = 50,000Ω

• RoHS compliant product available. Add "E" suffix to part number to specify.

• Made-to-order rheostats available: Contact nearest Ohmite sales office.

* Voltage rating dependent on resistance value.

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	Enclosed	Amps max.	Std. shaft	Locking	Amps max.	Amps max.	Amps max.	Amps max.	Amps max.	Amps max.	Amps max.	Amps max.	
0.5 —R50					✓	✓	✓	3.53	✓	✓	5.00	✓	10.0	✓	17.3	✓	22.3	✓	31.6
1 —1R0					✓	✓	✓	2.50	✓	✓	3.54	✓	12.3	✓	15.0	✓	18.2	✓	25.8
1.5 —1R5					✓	✓	✓	2.24	✓	✓	2.04	✓	10	✓	10.6	✓	15.8	✓	22.4
2 —2R0					✓	✓	✓	1.58	✓	✓	2.04	✓	7.07	✓	8.65	✓	14.1	✓	20.0
2.5 —2R5					✓	✓	✓	1.44	✓	✓	2.04	✓	5.00	✓	6.71	✓	12.9	✓	18.3
3 —3R0					✓	✓	✓	1.25	✓	✓	1.77	✓	5.75	✓	7.50	✓	11.2	✓	15.8
4 —4R0					✓	✓	✓	1.12	✓	✓	1.58	✓	7.07	✓	8.66	✓	10.0	✓	14.1
5 —5R0					✓	✓	✓	0.91	✓	✓	1.29	✓	8.66	✓	10.6	✓	7.90	✓	11.2
6 —6R0					✓	✓	✓	0.71	✓	✓	1.00	✓	10.00	✓	12.24	✓	6.30	✓	8.95
7.5 —7R5					✓	✓	✓	0.60	✓	✓	0.845	✓	12.3	✓	15.0	✓	5.60	✓	7.90
8 —8R0		✓	✓	0.86	✓	✓	✓	0.71	✓	✓	1.00	✓	14.1	✓	17.3	✓	4.47	✓	6.33
10 —10R		✓	✓	0.71	✓	✓	✓	0.60	✓	✓	0.845	✓	17.3	✓	21.0	✓	3.54	✓	4.47
12 —12R		✓	✓	0.55	✓	✓	✓	0.50	✓	✓	0.707	✓	21.0	✓	25.0	✓	3.16	✓	4.47
12.5 —12R5		✓	✓	0.46	✓	✓	✓	0.40	✓	✓	0.575	✓	25.0	✓	30.0	✓	2.52	✓	3.65
15 —15R		✓	✓	0.39	✓	✓	✓	0.36	✓	✓	0.500	✓	30.0	✓	36.0	✓	2.00	✓	3.16
16 —16R		✓	✓	0.32	✓	✓	✓	0.32	✓	✓	0.445	✓	36.0	✓	43.0	✓	1.69	✓	2.39
22 —22R		✓	✓	0.27	✓	✓	✓	0.29	✓	✓	0.375	✓	43.0	✓	52.0	✓	1.41	✓	2.11
25 —25R		✓	✓	0.22	✓	✓	✓	0.25	✓	✓	0.316	✓	52.0	✓	63.0	✓	1.24	✓	1.83
35 —35R		✓	✓	0.19	✓	✓	✓	0.22	✓	✓	0.267	✓	63.0	✓	77.0	✓	1.00	✓	1.48
40 —40R		✓	✓	0.17	✓	✓	✓	0.20	✓	✓	0.222	✓	77.0	✓	93.0	✓	0.817	✓	1.15
50 —50R		✓	✓	0.15	✓	✓	✓	0.19	✓	✓	0.200	✓	93.0	✓	112.0	✓	0.707	✓	1.00
75 —75R		✓	✓	0.12	✓	✓	✓	0.16	✓	✓	0.155	✓	112.0	✓	136.0	✓	0.577	✓	0.816
80 —80R		✓	✓	0.10	✓	✓	✓	0.13	✓	✓	0.129	✓	136.0	✓	164.0	✓	0.500	✓	0.707
100 —100R		✓	✓	0.086	✓	✓	✓	0.10	✓	✓	0.100	✓	164.0	✓	198.0	✓	0.447	✓	0.633
125 —125R		✓	✓	0.071	✓	✓	✓	0.090	✓	✓	0.090	✓	198.0	✓	240.0	✓	0.398	✓	0.562
150 —150R		✓	✓	0.063	✓	✓	✓	0.080	✓	✓	0.080	✓	240.0	✓	290.0	✓	0.358	✓	0.500
160 —160R		✓	✓	0.055	✓	✓	✓	0.070	✓	✓	0.070	✓	290.0	✓	350.0	✓	0.316	✓	0.447
175 —175R		✓	✓	0.046	✓	✓	✓	0.060	✓	✓	0.060	✓	350.0	✓	420.0	✓	0.288	✓	0.400
200 —200R		✓	✓	0.040	✓	✓	✓	0.050	✓	✓	0.050	✓	420.0	✓	500.0	✓	0.250	✓	0.358
225 —225R		✓	✓	0.035	✓	✓	✓	0.045	✓	✓	0.045	✓	500.0	✓	600.0	✓	0.224	✓	0.316
250 —250R		✓	✓	0.032	✓	✓	✓	0.040	✓	✓	0.040	✓	600.0	✓	720.0	✓	0.200	✓	0.288
300 —300R		✓	✓	0.027	✓	✓	✓	0.036	✓	✓	0.036	✓	720.0	✓	864.0	✓	0.182	✓	0.250
325 —325R		✓	✓	0.025	✓	✓	✓	0.033	✓	✓	0.033	✓	864.0	✓	1036.0	✓	0.163	✓	0.224
350 —350R		✓	✓	0.023	✓	✓	✓	0.030	✓	✓	0.030	✓	1036.0	✓	1243.0	✓	0.147	✓	0.200
400 —400R		✓	✓	0.020	✓	✓	✓	0.027	✓	✓	0.027	✓	1243.0	✓	1491.0	✓	0.132	✓	0.182
500 —500R		✓	✓	0.017	✓	✓	✓	0.023	✓	✓	0.023	✓	1491.0	✓	1789.0	✓	0.118	✓	0.163
600 —600R		✓	✓	0.015	✓	✓	✓	0.020	✓	✓	0.020	✓	1789.0	✓	2146.0	✓	0.106	✓	0.147
700 —700R		✓	✓	0.013	✓	✓	✓	0.018	✓	✓	0.018	✓	2146.0	✓	2575.0	✓	0.095	✓	0.132
750 —750R		✓	✓	0.012	✓	✓	✓	0.016	✓	✓	0.016	✓	2575.0	✓	3090.0	✓	0.086	✓	0.122
800 —800R		✓	✓	0.011	✓	✓	✓	0.015	✓	✓	0.015	✓	3090.0	✓	3708.0	✓	0.079	✓	0.112
900 —900R		✓	✓	0.010	✓	✓	✓	0.014	✓	✓	0.014	✓	3708.0	✓	4450.0	✓	0.072	✓	0.102
1000 —1K0		✓	✓	0.009	✓	✓	✓	0.013	✓	✓	0.013	✓	4450.0	✓	5340.0	✓	0.066	✓	0.095
1200 —1K2		✓	✓	0.008	✓	✓	✓	0.012	✓	✓	0.012	✓	5340.0	✓	6408.0	✓	0.060	✓	0.086
1250 —1K25		✓	✓	0.0075	✓	✓	✓	0.011	✓	✓	0.011	✓	6408.0	✓	7689.0	✓	0.055	✓	0.079
1500 —1K5		✓	✓	0.007	✓	✓	✓	0.010	✓	✓	0.010	✓	7689.0	✓	9226.0	✓	0.050	✓	0.072
1600 —1K6		✓	✓	0.0065	✓	✓	✓	0.0095	✓	✓	0.0095	✓	9226.0	✓	11071.0	✓	0.045	✓	0.066
1750 —1K75		✓	✓	0.006	✓	✓	✓	0.009	✓	✓	0.009	✓	11071.0	✓	13285.0	✓	0.041	✓	0.060
1800 —1K8		✓	✓	0.0055	✓	✓	✓	0.0085	✓	✓	0.0085	✓	13285.0	✓	15942.0	✓	0.038	✓	0.055
2000 —2K0		✓	✓	0.005	✓	✓	✓	0.008	✓	✓	0.008	✓	15942.0	✓	19130.0	✓	0.035	✓	0.050
2250 —2K25		✓	✓	0.0045	✓	✓	✓	0.0075	✓	✓	0.0075	✓	19130.0	✓	22956.0	✓	0.032	✓	0.045
2500 —2K5		✓	✓	0.004	✓	✓	✓	0.007	✓	✓	0.007	✓	22956.0	✓	27547.0	✓	0.030	✓	0.041
3000 —3K0		✓	✓	0.0035	✓	✓	✓	0.0065	✓	✓	0.0065	✓	27547.0	✓	33056.0	✓	0.027	✓	0.038
3500 —3K5		✓	✓	0.003	✓	✓	✓	0.006	✓	✓	0.006	✓	33056.0	✓	39684.0	✓	0.025	✓	0.035
4500 —4K5		✓	✓	0.0025	✓	✓	✓	0.005	✓	✓	0.005	✓	39684.0	✓	47620.0	✓	0.022	✓	0.032
5000 —5K0		✓	✓	0.002	✓	✓	✓	0.0045	✓	✓	0.0045	✓	47620.0	✓	57144.0	✓	0.020	✓	0.030
7500 —7K5		✓	✓	0.0015	✓	✓	✓	0.0035	✓	✓	0.0035	✓	57144.0	✓	68572.0	✓	0.018	✓	0.027
8000 —8K0		✓	✓	0.0014	✓	✓	✓	0.0033	✓	✓	0.0033	✓	68572.0	✓	82286.0	✓	0.017	✓	0.025
10000 —10K		✓	✓	0.0012	✓	✓	✓	0.0030	✓	✓	0.0030	✓	82286.0	✓	98743.0	✓	0.015	✓	0.022
12500 —12K5		✓	✓	0.0011	✓	✓	✓	0.0028	✓	✓	0.0028	✓	98743.0	✓	118491.0	✓	0.014	✓	0.020
15000 —15K		✓	✓	0.001	✓	✓	✓	0.0025	✓	✓	0.0025	✓	118491.0	✓	142188.0	✓	0.013	✓	0.018
20000 —20K		✓	✓	0.0009	✓	✓	✓	0.0022	✓	✓	0.0022	✓	142188.0	✓	170626.0	✓	0.012	✓	0.016
25000 —25K		✓	✓	0.0008	✓	✓	✓	0.002	✓	✓	0.002	✓	170626.0	✓	204751.0	✓	0.011	✓	0.015
30000 —30K		✓	✓	0.0007	✓	✓	✓	0.0018	✓	✓	0.0018	✓	204751.0	✓	245681.0	✓	0.010	✓	0.014
40000 —40K		✓	✓	0.0006	✓	✓	✓	0.0016	✓	✓	0.0016	✓	245681.0	✓	294816.0	✓	0.009	✓	0.012
50000 —50K		✓	✓	0.0005	✓	✓	✓	0.0015	✓	✓	0.0015	✓	294816.0	✓	353779.0	✓	0.008	✓	0.011

✓ = Standard values; check availability
Rheostats are silicone-ceramic coated at and above the following ohmic values:
Model C: all
Model E: 750Ω
Model H: 2000Ω
Model J: 5000Ω
Model G: 5000Ω
Model K: 5000Ω
Model L: 7500Ω

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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