

PFE and PFR Series

**Powr-Rib® Edgewound
Edgewound and Round Wire**

Designed in both Edgewound and Round Wire formats, these rugged resistors can handle 700 to 1000 Watts of power. Specify our Edgewound design for very low resistance and high power capacity. When higher resistance with lower power capacity is required use our Round Wire design.

Constructed of a heavy resistance alloy mounted on ceramic insulators and supported by a metal mounting bracket. Metal parts, except for the resistance element, are heavily plated to prevent oxidation at high operating temperatures and to prevent corrosion. The mounting bar is slotted on each end to facilitate installation. Edgewound units provide clamp-type terminals, permitting a reliable connection which can be moved along the resistive element to obtain intermediate values.

SPECIFICATIONS

Electrical

Current Rating: Continuous duty as listed on following page.

Wattage Rating: 700 to 1,000 (up to 1,600 watts on special order)

Resistance Tolerance: $\pm 10\%$ standard, $\pm 5\%$ available

Terminals: Clamps, movable

STANDARD PART NUMBERS

PFE and PFR Series

Pow-Rib® Edgewound Edgewound and Round Wire (continued)

PFE EDGEWOUND "POWR-RIB" ELECTRICAL INFORMATION

Size* (No. of Insulator-Sections Long)	2	3	4	STANDARD* 5	6	7	8	
Dimension A	in. mm	8.875 (225.425)	11.875 (30.163)	14.875 (377.825)	17.875 (454.025)	20.875 (530.225)	23.875 (606.425)	26.875 (682.625)
Dimension B	in. mm	7.250 (184.150)	10.250 (31.750)	13.250 (336.550)	16.250 (412.75)	19.250 (488.950)	22.250 (565.150)	25.250 (641.350)
	Max. Amps	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
	100	.033	.057	.080	.100	.120	.140	.160
	91	.040	.070	.100	.120	.140	.160	.180
	89	.046	.078	.110	.140	.170	.200	.230
	78	.052	.088	.120	.160	.190	.220	.250
	75	.060	.100	.140	.180	.210	.250	.300
	68	.070	.120	.180	.220	.260	.300	.340
	63	.080	.130	.190	.250	.300	.350	.400
	57	.100	.160	.230	.300	.360	.420	.480
	54	.110	.180	.250	.330	.400	.470	.540
	50	.120	.200	.280	.370	.450	.530	.610
	47	.170	.280	.380	.500	.600	.700	.800
	43	.210	.330	.460	.600	.720	.850	.980
	41	.230	.360	.510	.670	.800	.930	1.06
	39	.260	.420	.580	.750	.900	1.05	1.20
	33	.350	.560	.770	1.00	1.20	1.40	1.60
	29	.450	.730	1.00	1.30	1.50	1.75	2.00
	26	.560	.900	1.20	1.60	1.90	2.20	2.50
	18.4	.690	1.20	1.70	2.20	2.70	3.10	3.50
	16.3	.880	1.50	2.20	2.80	3.40	4.00	4.60
	14.6	1.10	1.90	2.70	3.50	4.30	5.10	5.90
	12.7	1.40	2.40	3.50	4.50	5.50	6.50	7.50
	11.8	1.70	2.90	4.20	5.40	6.60	7.80	9.00
	10.3	2.10	3.70	5.30	6.80	8.30	9.80	11.3
	9.4	2.70	4.60	6.50	8.50	10.40	12.3	14.2

PFR ROUND-WIRE "POWR-RIB" ELECTRICAL INFORMATION

8.3	3.4	5.9	8.5	11.0	13.5	16.0	18.5
7.6	4.1	7.1	10.0	13.0	15.9	18.8	21.7
6.6	5.3	9.2	13.0	17.0	20.8	24.6	28.4
5.9	6.3	10.9	15.4	20.0	24.5	29.0	33.5
5.1	7.9	13.6	19.3	25.0	30.7	36.4	42.1

*Standard 5-section units are stocked; part numbers are listed on previous page.

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