

Power Wirewound Resistors -- PW-type , QR-type



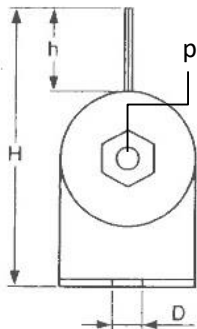
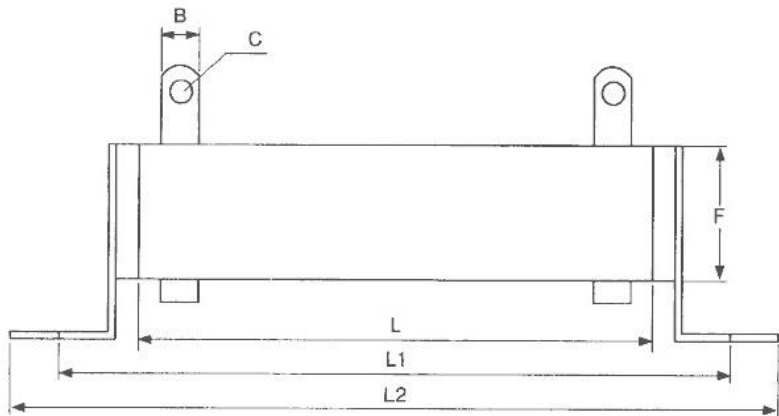
FEATURES

- Resistance unchange after long-time using
- Good resistivity to short-time overload
- Fit for heavy electric machine
- Multi-terminal type & adjustable type are also available (as PW-A or QR-A)
- Flameproof coating



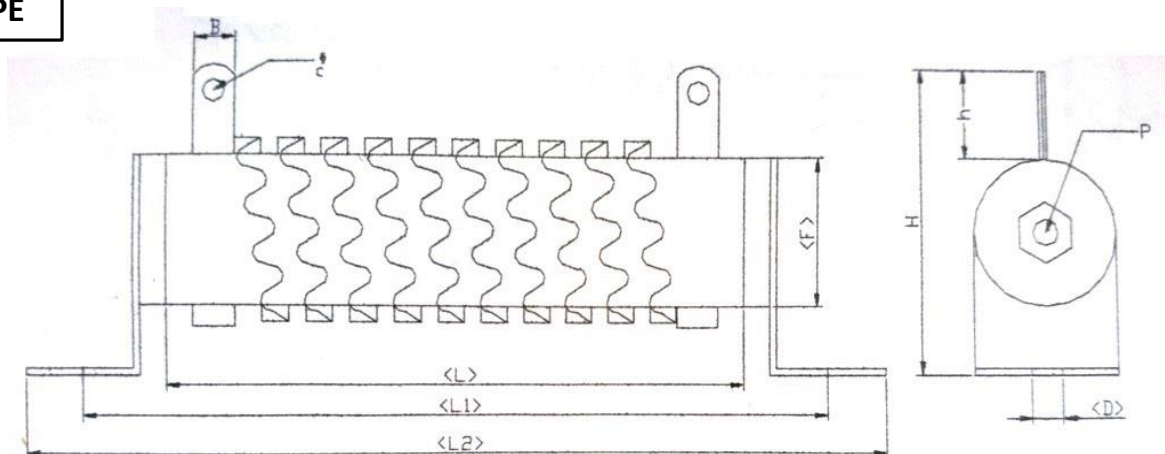
GENERAL SPECIFICATION

PW-TYPE



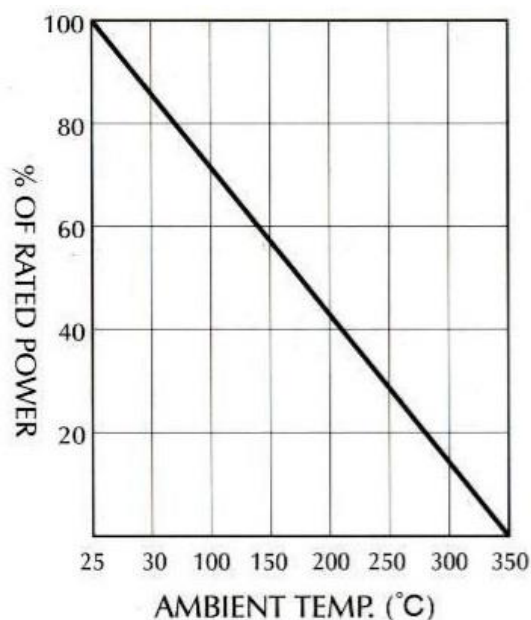
RATED WATTS	DIMENSIONS(mm)										
	L	F	B	L1	Cφ	h	D	L2	H	P	阻值範圍
10W	45	12	4		2	9	3.5	65			0.1-5K
20W	60	17	5	73	2.5	12	3.5	96	40	3*81	0.5-6K
30W	80	17	5	93	2.5	12	3.5	112	40	3*100	0.5-7K
40W	110	17	5	123	2.5	12	3.5	142	40	5*135	0.5-10K
50W	110	25	8	140	5	18	6	164	58	5*135	0.1-15K
60W	90	28	8	120	5	18	6	144	60	5*115	0.1-20K
80W	110	28	8	140	5	18	6	164	60	5*135	0.1-25K
100W	140	28	8	170	5	18	6	194	60	5*165	0.1-30K
120W	160	28	8	195	5	18	6	215	60	5*195	0.1-35K
150W	195	28	8	225	5	18	6	244	60	5*220	0.1-40K
160W	185	35	8	222	5	18	9	248	75	5*210	0.1-45K
200W	210	35	8	247	5	18	9	268	75	5*235	0.1-50K
250W	210	40	10	250	5	22	9	277	77	5*235	0.1-55K
300W	260	40	10	300	5	22	9	327	77	5*295	0.1-60K
400W	330	40	10	370	5	22	9	400	77	5*365	0.1-70K
500W	330	50	12	370	6	22	10	400	105	5*365	0.1-90K
600W	400	50	12	440	6	22	10	470	105	5*440	0.5-100K
700W	460	50	12	500	6	22	10	530	105	6*495	0.1-110K
800W	460	60	15	505	6	30	10	535	112	6*495	0.5-120K
1000W	540	60	15	580	6	30	10	610	112	6*590	0.5-130K
1300W	650	65	15	690	6	30	10	720	115	6*690	0.5-150K

QR-TYPE

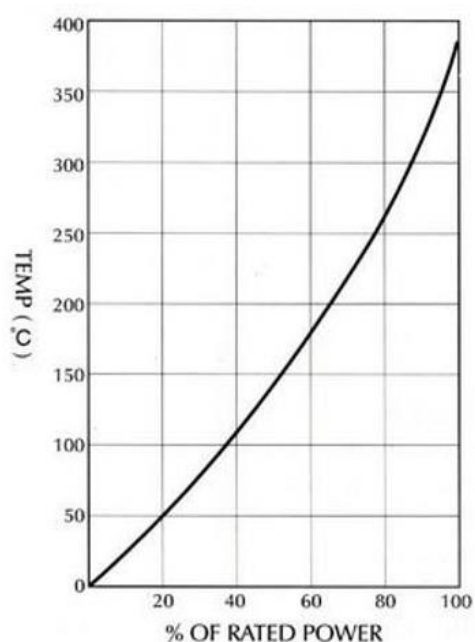


RATED WATTS	DIMENSIONS(mm)										
	L	F	B	L1	C ϕ	h	D	L2	H	P	阻值範圍
75W	90	25	8	120	5	18	6	144	58	單 M5*115	0.5-10
90W	110	25	8	125	5	18	6	164	60	單 M5*135	0.5-11
100W	90	28	8	120	5	18	6	144	60	單 M5*115	0.5-12
120W	110	28	8	145	5	18	6	164	60	單 M5*135	0.5-13
150W	140	28	8	175	5	18	6	195	60	單 M5*165	0.5-15
180W	160	28	8	190	5	18	6	215	60	單 M5*185	0.5-18
200W	185	28	8	215	5	18	6	239	60	雙 M5*215	0.5-20
225W	195	28	8	225	5	18	6	249	60	雙 M5*220	0.5-22
300W	210	35	8	245	5	18	9	268	75	雙 M5*245	0.5-27
375W	210	40	10	250	5	22	9	277	77	雙 M5*245	0.5-30
450W	260	40	10	300	5	22	9	327	77	雙 M5*295	0.5-35
600W	330	40	10	370	5	22	9	400	77	雙 M5*365	0.5-40
750W	330	50	12	370	6	24	10	400	105	雙 M5*365	0.5-50
900W	400	50	12	444	6	24	10	469	105	雙 M5*435	0.5-60
1000W	460	50	12	505	6	24	10	532	105	雙 M5*495	0.5-70
1200W	460	60	15	508	6	30	10	535	112	雙 M5*495	0.5-90
1500W	540	60	15	587	6	30	10	615	112	雙 M6*600	1-120
2000W	650	65	15	690	6	30	10	720	115	雙 M6*690	1-160

DERATING CURVE



SURFACE TEMPERATURE TO POWER LOADED



CHARACTERISTIC

Temperature Coefficient	$\pm 400\text{ppm} \sim 1000\text{pm}$
Load Life (1000 hours)	$< \pm 5\% + 0.1\Omega$
Shorttime Overload	$< \pm 2\% + 0.1\Omega$
Temperature Cycling	$< \pm 1\% + 0.1\Omega$
Moisture Resistance	$< \pm 5\% + 0.1\Omega$
Shock & Vibration	$< \pm 1\% + 0.\Omega$
Flame retardation	UL-94 V-0 grade

HOW TO ORDER :

<u>SERIES</u>	<u>WATTAGE</u>	<u>RESISTANCE</u>	<u>TOLERANCE</u>	<u>SPECIALIST</u>
PW	10W	0R1=0.1 Ω	J	ADJUSTABLE
QR	:	10R=10 Ω		
	120W	1K=1K Ω		
	:			
	2000W			