

Dynamic Braking Resistors**Terminals**

800 Volt rated - 10mm fitted to PDB 1500 and above - for ease of wiring.

Standard Units

Standard units are shown in the striped sector of the table below. Others available on request.

Part Number

Choose enclosure and Ohmic value required e.g. 3000 Watts, 22 Ohms: Part Number PDB3000-22.

Thermal Cut Out

Thermal cut-outs can be offered - for connecting in the trip circuit of breaker - 230 Volt AC supply.
Add CO to the end of the Part Number.

Ingress Protection

IP20.

Construction

Perforated Steel, Zinc coated.

Finish

Black powder coating.

Mounting

Suitable for wall or base.



HVR Pentagon Limited
Unit 2
Kings Road Industrial Estate
Tyseley
Birmingham B11 2AX
UK

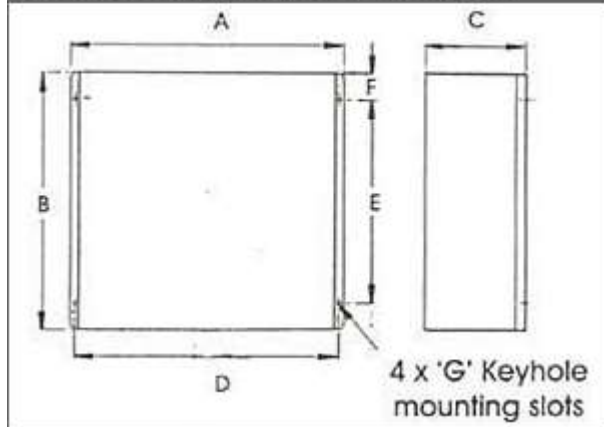
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Dynamic Braking Resistors

D. B. Resistors - Dimensions (mm)

TYPE	A	B	C	D	E	F	G
PDB200	140	200	115	125	108	38	4
PDB400	182	300	133	168	208	38	4
PDB750	182	430	153	168	335	38	4
PDB1000	182	430	153	168	335	38	4
PDB1500	510	315	187	495	225	40	5
PDB2000	510	315	187	495	225	40	5
PDB3000	510	500	187	495	410	40	5
PDB4000	510	500	187	495	410	40	5

Dynamic Braking Resistors - Dimensions



Ohmic Values & Ratings - Continuous, Short Time & Intermittent

TYPE	CONT	SHORT TIME (SECONDS)			INTERMITTENT (MINUTES)					
		5	10	20	1/2	1	2	3	4	5
	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS
PDB200	200	4000	3000	1800	1100	660	500	400	300	250
PDB400	400	8000	6000	3600	2200	1300	1000	800	600	500
PDB750	750	14700	11000	6600	4000	2400	1830	1460	1100	900
PDB1000	1000	20000	15000	9000	5500	3300	2500	2000	1500	1200
PDB1500	1500	29400	22000	13200	8000	4800	3600	2900	2200	1800
PDB2000	2000	40000	30000	18000	11000	6600	5000	4000	3000	2500
PDB3000	3000	58800	44000	26400	16000	9700	7300	5800	4400	3700
PDB4000	4000	80000	60000	36000	22000	13200	10000	8000	6000	5000
		Operation 1x Per Hour			Operating Time in any 15 Minute Period					

Dynamic Braking Resistors

MAXIMUM CONTINUOUS WATTS	200	400	750	1000	1500	2000	3000	4000	6000	8000	9000	12000	16000
ENCLOSURE TYPE PDB	200	400	750	1000	1500	2000	3000	4000	3000	4000	3000	4000	4000
NUMBER OF ENCLOSURES	1	1	1	1	1	1	1	1	2	2	3	3	4
RESISTANCE OHMS (-0 / +10%)													
1.5													
1.8													
2.2													
2.7													
3.3													
3.9													
4.7													
5.6													
6.8													
8.2													
10													
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68													
82													
100													
120													
150													
180													
220													
270													
390													
470													
560													
680													
820													
1000													
1200													