

エッジワインド高電力巻線形固定抵抗器

75W - 2000W EDGEWOUND  
HIGH POWER WIRE WOUND RESISTORS  
NEW



特長・用途

定格電力 75W から 2000W, 標準的なエッジワインド巻線形固定抵抗器。

短時間過負荷は定格電力の 10 倍 - 5 秒間、カテゴリ温度は、-55°C、+25°C、+350°C。自己空冷方式の抵抗器。

産業用モータ制御装置の回生制動抵抗器、負荷検出抵抗器、エレベータモータ制御装置のブレーキ抵抗、エネルギー貯蔵装置の電流制御、EV、PEV の高速充電装置、電子負荷装置、など。

Features and Applications

High power edgewound construction and economical price for heavy duty applications.

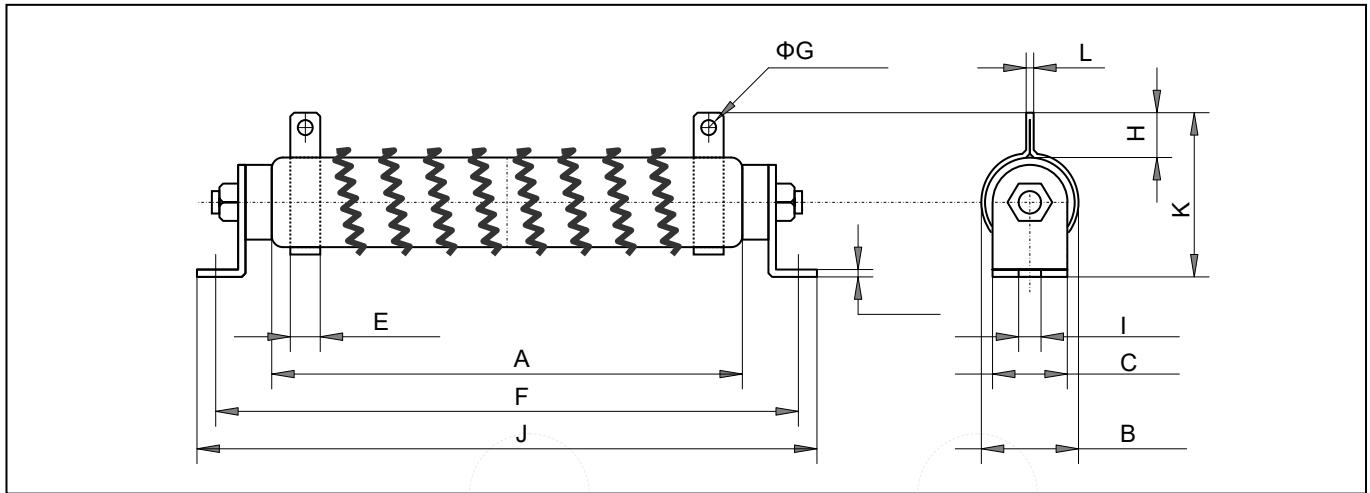
Rated power 75 W to 20000 W, standard edgewound resistor.

Large short-time overload of 10 times rated power for 5 seconds shows such excellent performance as braking resistor of the motor control electronics. Category temperature is -55 ° C, + 25 ° C, 350 ° C, and self-cooling type resistor.

Braking resistor of industrial motor control device, load detection resistor, brake resistance of elevator motor control, current control of energy storage device, high speed charging device of EV, PEV, electronic load device, etc..

外形・寸法

Dimensions (mm)



(mm)	Power (W)	R(Ω) to R(Ω)	A	B	C	E	F	G	H	I	J	K	L
NEW75	75W	0.1 8	110	25	16	8	150	5	18	6	166	58	1.2
NEW100	100W	0.1 9	90	28	18	8	130	5	18	6	146	60	1.2
NEW120	120W	0.1 12	110	28	18	8	150	5	18	6	166	60	1.2
NEW150	150W	0.1 15	140	28	18	8	180	5	18	6	196	60	1.2
NEW180	180W	0.1 18	160	28	18	8	200	5	18	6	210	60	1.2
NEW225	225W	0.1 23	195	28	18	8	235	5	18	6	251	60	1.2
NEW240	240W	0.1 24	185	35	24	9	225	5	19	8	245	76	1.6
NEW300	300W	0.3 30	210	35	24	9	250	5	19	8	274	78	1.6
NEW375	375W	0.3 38	210	40	25	11	250	5	19	8	274	78	1.6
NEW450	450W	0.3 45	260	40	25	11	300	5	19	8	320	78	1.6
NEW600	600W	0.3 60	330	40	25	11	370	5	19	8	395	78	1.6
NEW750	750W	0.3 75	330	50	35	12	380	6	25	9	400	105	1.6
NEW900	900W	0.3 90	400	50	35	12	450	6	25	9	470	105	1.6
NEW1000	1000W	0.5 100	460	50	35	12	510	6	25	9	533	105	1.6
NEW1200	1200W	0.5 120	460	60	40	15	515	6	30	10	536	112	1.6
NEW1500	1500W	0.5 160	540	60	40	15	595	6	30	10	615	112	1.6
NEW2000	2000W	0.5 200	650	60	42	15	702	6	30	10	722	120	1.6

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品目番号 Ordering Information

Model	Bracket for mount	Resistance Value	Tolerance	Package
NEW600	M	0R25	J	Z00
NEW75	M	0.25 ohm	K (+/-10%) <1Ω	Z00 (Box)
NEW100	with screw & bracket	R10 = 0.1Ω	J(+/-5%) 1Ω & above	
NEW120		1R0 = .1Ω	F (1%) option	
NEW150		10R0 = 10Ω		
NEW180		101 = 100Ω		
NEW225				
NEW240				
NEW300				
NEW375				
NEW450				
NEW600				
NEW750				
NEW900				
NEW1000				
NEW1200				
NEW1500				
NEW2000				

特性 Characteristics

		Characteristics	Condition
抵抗値許容差	Tolerance	+/-5% (J)	+/-5% is standard 1Ω and above
抵抗値許容差	Tolerance	+/-10% (K)	+/-10% is for below 1Ω, available +/-1%
温度係数	TCR	Typical 400ppm/°C	50ppm available
耐電圧	Dielectric withstanding	No mechanical damage	1000VAC, terminal to mounting bracket
短時間過負荷	Short time overload	+/-2%	10 times rated power, 5 seconds
難燃性	Flame resistance	No flaming or arcing	100% - 600% rated power load

抵抗器を集合させて使用する場合の定格電流軽減

Current Reduction rate (%) for Grouped Operation

Quantity	1	2	3	4	6	9	12	16	
% reduction	100	84	80	78	76	75	73	71	
placement	○	○ ○	○ ○ ○	○ ○ ○ ○	○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○	○ ○ ○ ○ ○ ○ ○ ○ ○

負荷軽減 Derating

