

## Edge Wound Power Resistors – EWR series

### **Applications :**

Variable Frequency Drive, Frequency Converter Drives, Server, Motion Control  
High Pulse Energy absorption  
Overhead Crane, hoist forklifts, Electric Lift Trucks  
Mine locomotive  
Neutral Grounding of Transformers and generators  
Elevator control  
Continuous High Current duty applications  
Pulse Current / Energy dissipations  
Dynamic Brakings  
Discharge Resistors



### **Characteristics :**

This series Edge Wound Resistor has fins like high quality Resistive Alloy resistive element and winds around the ceramic substrate.

The design increases the overall surface area, which is good for thermal energy dissipation and increase resistor reliability.

- Power range : 500W to 3000W
- Suitable for both High Current Continuous Duty and Short Pulse Energy dissipation applications
- Withstand Severe short-time overload : 10 x rated Wattage 5 seconds
- Support low resistance and high current requirement
- Support multi-Resistances per resistor
- Support adjustable resistance requirement with an adjustable ring Terminal
- Support Screw Bolt Terminals and Quick Fit Tab Terminal
- Support mounting fixture, enclosure, cooling fan and Thermal Switch requirement

The Resistor size might be changed according to different resistance value and load current requirement.

We manufacture Edge Wound Resistors for a wide variety of industrial applications.

Different applications can have very different resistor electrical and mechanical profile requirements.

Please feel free to send your application details; we might have a solution for your need.

Production Lead Time will be about 7 - 15 days, depending on order quantity, material and production status.

### **Part Number :**

<u>Series</u>	<u>Rated Power</u>	<u>Resistance ( ohm )</u>	<u>Resistance Tolerance</u>	<u>Terminals</u>
EWR	500 – 3kW	0.1 ohm = R1	J = +/5%	S : Screw Bolt
		1 ohm = 1R	K = +/-10%	T : Tab Terminal
		10 ohm = 10R		