

Open Helical Coil Wound Resistors / Spring Coil Wound Resistors – FDL series

Applications :

Variable Frequency Drive, Frequency Converter Drives, Server, Motion Control
 High Pulse Energy absorption
 Load Banks
 Overhead Crane, hoist forklifts Control Systems
 Electric Lift Trucks
 Mine locomotive
 Neutral Grounding of Transformers and generators
 Elevator control
 High Current and Current Limiting
 Dynamic Braking
 Crowbar Circuits
 Discharge Resistors
 Heaters



Characteristics :

This series Open Helical Coil Wound Resistors has coiled resistance material and winds around the ceramic substrate.

The design increases the airflow across the coiled resistance material, stabilize resistive Coil temperature and increase the rate of energy dissipation.

- Power range : 500W to 4000W
- Suitable for both Continuous Duty and Short Pulse Energy dissipation applications
- Withstand Severe short-time overload : 5 x rated Wattage 5 seconds
- Support multi-Resistances per resistor
- Support adjustable resistance requirement with an adjustable ring Terminal
- Support mounting fixture, enclosure, cooling system and thermal switch requirement

The Resistor size might be changed according to different resistance value and load current requirement. We manufacture Open Helical Coil 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 10 - 20 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>
FDL		500 – 4kW		1 ohm = 1R 10 ohm = 10R		J = +/5% K = +/-10%		