

Open Helical Wire Wound Resistors / Spring Coiled 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
Dynamic Braking
Discharge Resistors
Heaters



Characteristics :

This series Open Helical Wire 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 10 seconds
- Support multi-Resistances per resistor
- Support adjustable resistance requirement with an adjustable ring Terminal
- Support mounting fixture and enclosure requirement

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

We manufacture Open Helical Wire 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 :

Series + Rated Power + Resistance (ohm) + Resistance Tolerance + Terminals

FDL	500 – 4kW	1 ohm = 1R	J = +/5%
		10 ohm = 10R	K = +/-10%