



Type : OCRE



Type : OCR

COILED RESISTORS

These resistors are constructed by coiling wire and supported by ceramic insulators on a steel strip.

The resistive element is of stainless steel, fegral or Nickel Chromium.

The standard end terminal is welded or screwed firmly to the resistive element, which provides good electrical connections to the resistive elements.

FEATURES

Very economical.

Low temperature coefficient elements for more stable resistance.

High temperature ceramic core resists shock and vibration.

With stands severe short time overloads.

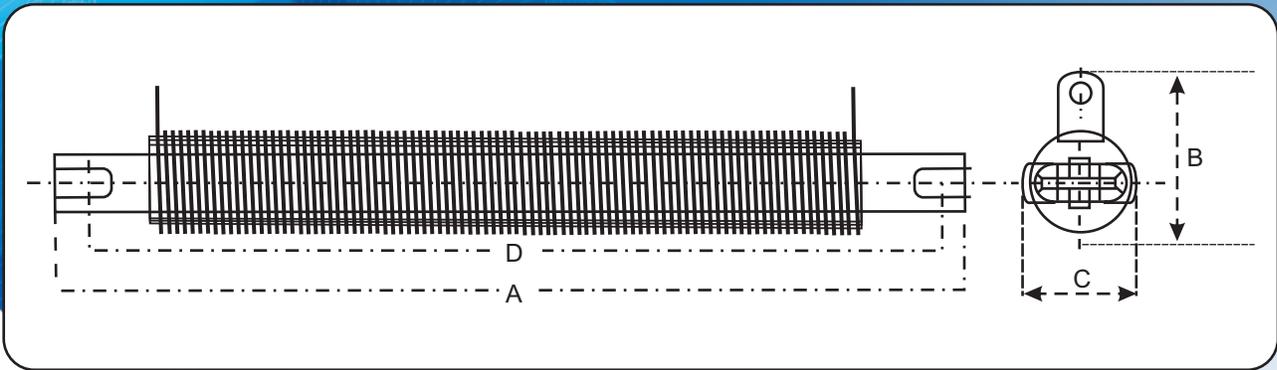
Reliable terminals.

Resistors can also be supplied in enclosure.

Custom built resistors can be made.

Easy to assemble as a bank.

Closer Tolerance available.



Type : OCR

Applications

These Resistors are used in conjunction with appropriate control equipment to accelerate, dynamic braking of motors.

These resistors are also ideally suited for use in the secondary of AC wound rotor motors for accelerating speed regulating services.

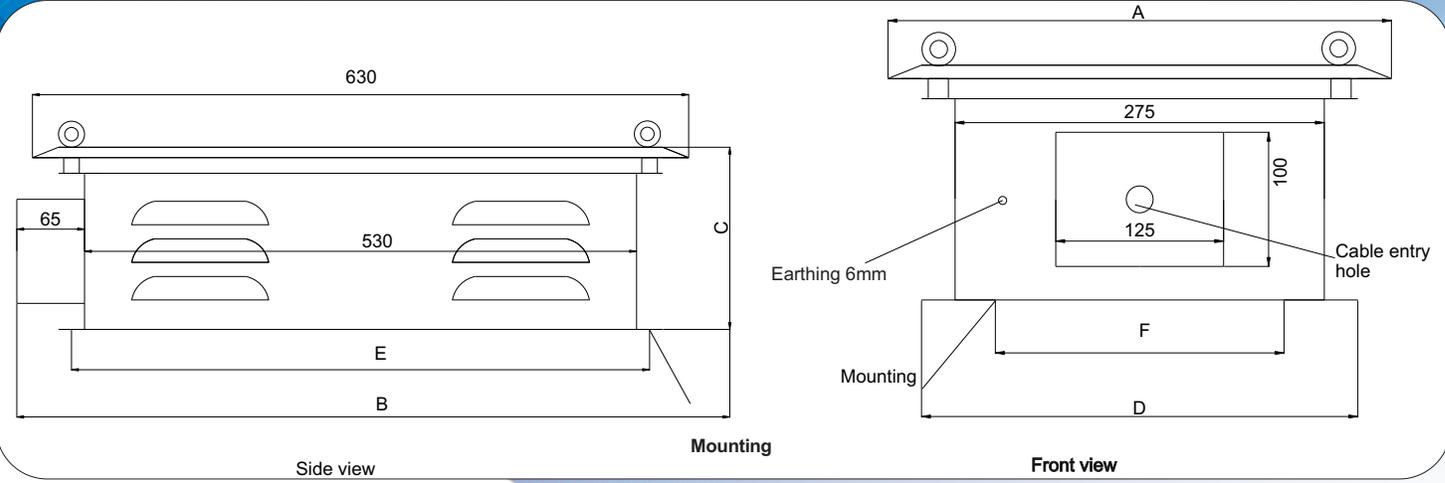
These resistors are also used as neutral grounding resistors. AC and DC dynamic braking load banks, current limiting and blast for mercury vapor lamp

Technical Specifications:

1. Power Rating: 500W-1KW
2. Resistance Tolerance: +/- 10%
3. Di-electric Voltage: 2500 VAC
4. Insulation Resistance: > 20M Ohm
5. Short Term Over Load : 10 x wattage rating for 10 sec.
6. Temperature Rise: 375 Deg. C + Ambient
7. Safe Operating Temperature 200 Deg. C
8. Other Mounting options available.

OCR DIMENSIONS IN mm				
POWER (KW)	A	B	C	D
500W	295	90	60	265
600W	370	90	60	340
800W	445	90	60	415
1000W	520	90	60	490

We Assist in developing custom built resistors for all applications



OCRE DIMENSIONS IN mm						
POWER (KW)	A	B	C	D	E	F
1KW TO 3KW	380	650	180	330	555	215
4KW TO 6KW	380	650	295	330	555	215
7KW TO 9KW	380	650	410	330	555	215
10KW TO 12KW	380	650	525	330	555	215

Material Specifications:

1. Enclosure options 2mm, 1.6mm and 1.2mm
2. Powder coated or Galvanized Sheet enclosure.
3. Resistive material Fecral, Nichrome or Stainless Steel.
4. Thermal cutoff 160°C (OPTIONAL)
5. Power Connection Copper/Aluminium Bus Bar or connector.
6. Protection class available as per requirement.
7. Dimensional Tolerance +/- 10mm.
8. Custom Design Available.

Technical Specifications:

1. Power Rating: 1-12KW
2. Resistance Tolerance: +/- 10%
3. Di-electric Voltage: 2500 VAC
4. Insulation Resistance: > 20M Ohm
5. Short Term Over Load : 10 x wattage rating for 10 sec.
6. Temperature Rise: 375 Deg. C + Ambient
7. Safe Operating Temperature 200 Deg. C