

TECHNICAL DATASHEET

CERAMIC WIREWOUND POWER RESISTORS

For Induction Furnace Control Panels & Industrial Applications

Product Description

Electro Power Enterprise offers a comprehensive range of Ceramic Wirewound Power Resistors designed for high-energy industrial applications. Manufactured with a ceramic core, these resistors provide excellent heat dissipation, overload capability, and stable resistance under continuous operation. They are widely used in induction furnace control panels, capacitor discharge circuits, current limiting applications, dynamic braking systems, load banks, and industrial automation equipment.

Technical Specifications

Parameter	Specification
Product Type	Ceramic Wirewound Power Resistor
Construction	Precision Wirewound
Body Material	Ceramic Core
Cooling	Natural Air
Resistance Tolerance	±3% / ±5%
Power Ratings	25W, 50W, 100W, 300W
Resistance Range	10Ω to 20kΩ
Duty	Continuous Industrial Operation

Available Models

Resistance	Power	Tolerance
10 Ω	100 W	±5%
10 Ω	300 W	±5%
12 Ω	300 W	±5%
100 Ω	25 W	±5%
10 kΩ	100 W	±5%
20 kΩ	50 W	±3%

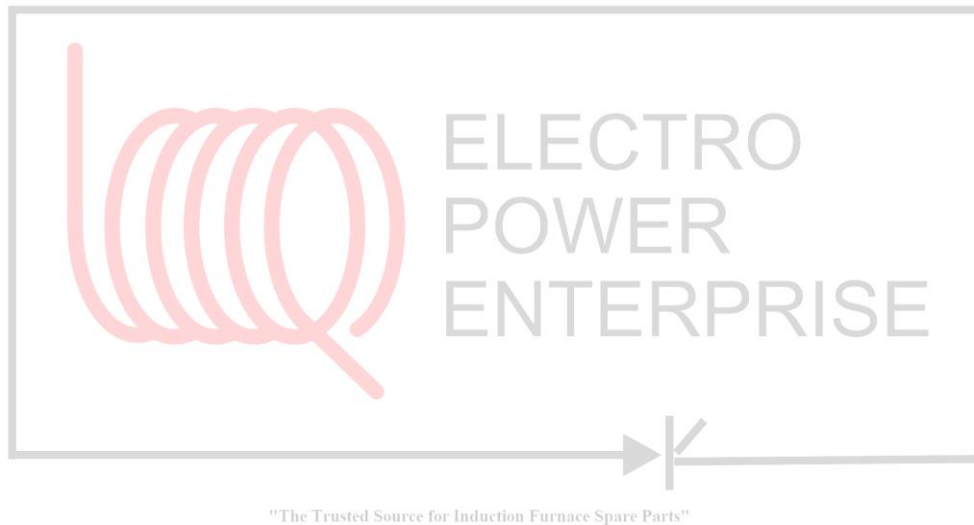
Key Features

- Heavy-duty ceramic construction
- Vitreous enamel coating
- Excellent heat dissipation
- High overload capacity
- Stable resistance characteristics
- Continuous duty operation
- Rugged industrial design
- Long service life

- Corrosion-resistant finish

Applications

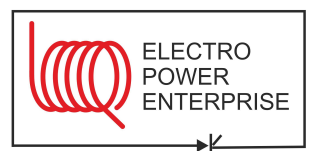
- Induction Furnace Control Panels
- Current Limiting Circuits
- Capacitor Charging & Discharge Circuits
- Dynamic Braking Systems
- Soft Starter Panels
- VFD & Drive Systems
- Load Banks
- Industrial Automation Equipment
- Steel Plant Electrical Panels



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"The Trusted Source for Induction Furnace Spare Parts"