ALUMINUM HOUSED WIREWOUND POWER RESISTORS

Product Description

Electro Power Enterprise supplies a comprehensive range of aluminum housed wirewound power resistors for induction furnace control panels, dynamic braking circuits, capacitor discharge circuits, VFDs, soft starters, load banks and industrial automation equipment. The anodized aluminum housing provides efficient heat dissipation and reliable long-term performance.

Technical Specifications

Parameter	Specification
Product Type	Aluminum Housed Wirewound Power Resistor
Construction	Precision Wirewound
Housing	Anodized Aluminum
Mounting	Chassis / Panel Mount
Cooling	Natural Air / Heatsink
Tolerance	±1% / ±5%
Power Ratings	25W, 50W, 100W, 250W, 300W
Resistance Range	0.5Ω to 100kΩ
Duty	Continuous Industrial Operation

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Available Models

Resistance	Power	Tolerance
0.5 Ω	25W	±1%
0.5 Ω	100W	±1%
1 Ω	100W	±1%
2 Ω	100W	±1%
4 Ω	250W	±1%
7.5 Ω	250W	±1%
8 Ω	250W	±1%
10 Ω	25W	±1%
10 Ω	250W	±5%
12 Ω	300W	±5%
30 Ω	50W	±5%

30 Ω	250W	±5%
50 Ω	250W	±1%
100 Ω	250W	±1%
120 Ω	50W	±5%
10 kΩ	250W	±5%
20 kΩ	50W	±1%
20 kΩ	250W	±5%
60 kΩ	50W	±5%
100 kΩ	50W	±5%

Key Features

• Heavy-duty aluminum housing
• Excellent heat dissipation
• Precision wirewound construction
• Long service life
• High overload capability
• Chassis mount design
• Suitable for induction furnace control panels and industrial automation

Applications

Induction Furnace Control Panels, Dynamic Braking Circuits, Capacitor Discharge Circuits, VFD Braking Systems, Soft Starters, Load Banks, Power Supplies, Steel Plant Automation and Test Equipment.

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