

MV Switchgear Epoxy Resin Contact Box 1250-1600A

This epoxy resin contact box provides mechanical support and electrical insulation. It maximizes mechanical properties with a fast curing material and low internal stress.



ADDITIONAL IMAGES



Product Overview

High-Performance MV Contact Box

This contact box is engineered for medium voltage (MV) switchgear applications, supporting current ranges between 1250A and 1600A. Utilizing advanced automatic pressure gelating (APG) casting techniques, the component features active micro silicon powder and high-quality epoxy resin to ensure superior mechanical properties. Its design provides exceptional electrical insulation, durability, and arc resistance, making it suitable for reliable operation in demanding electrical distribution environments.

Technical Specifications

Rated Current

1250 A

Minimum

1600 A

Maximum

Material Composition

Epoxy Resin, Active Micro Silicon Powder, Organic Pigment

Manufacturing Process

Automatic Pressure Gelating (APG) Casting

Key Features

Performance Benefits

- Excellent dielectric strength
- High arc resistance
- Superior mechanical durability
- Reliable insulation in humid environments
- Bright color finish without compromising insulation performance

Applications

Typical Applications

Power Distribution • Industrial Automation • Renewable Energy Systems • Electric Power Transmission