

# 12kV Epoxy Resin Contact Box for MV Switchgear

This epoxy resin contact box provides insulation for medium voltage switchgear. It is designed for 12kV systems with current ratings from 630A to 1250A, offering excellent mechanical and electrical properties.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance MV Switchgear Insulation

This 12kV epoxy resin contact box is engineered using advanced automatic pressure gelating (APG) casting techniques for superior structural integrity. By incorporating active micro silicon powder, the insulator maintains excellent electrical insulation properties even in humid environmental conditions. The design features organic pigments for a vibrant finish that does not compromise dielectric performance, ensuring safe and reliable operation in medium voltage switchgear.

## Technical Specifications

Rated Voltage	12 kV
Rated Current Range	630A, 1250A

## Material & Construction

Material	Epoxy Resin with Active Micro Silicon Powder
Manufacturing Technique	Automatic Pressure Gelating (APG) Casting

## Application

### Primary Application

- Medium Voltage (MV) Switchgear
- Transmission and Distribution Cabinets
- Power Substations
- Industrial Electrical Installations

## Key Features

### Performance Benefits

High Mechanical Strength • Excellent Dielectric Integrity • Humidity Resistance • Flashover Prevention