

# Vacuum Circuit Breaker for Power Distribution

This vacuum circuit breaker is a power distribution device designed for breaking load current, overload current, and fault current. It is ideal for industrial and mining enterprises, power plants, and substations.



## ADDITIONAL IMAGES



## Product Overview

### Reliable Power Distribution Solutions

This series of vacuum circuit breakers is designed for high-performance switching in medium and high-voltage power distribution systems. Utilizing advanced vacuum interrupter technology, these units provide fast arc extinction, robust protection against short circuits, and long operational life. Suitable for both indoor and outdoor substation environments, they offer seamless integration into industrial power grids and renewable energy systems.

## Indoor Performance

### Key Performance Indicators (Indoor)

**40.5 kV**

Max Rated Voltage

**5000 A**

Max Rated Current

**50 kA**

Max Breaking Current

## Outdoor Performance

### Key Performance Indicators (Outdoor)

**40.5 kV**

Max Rated Voltage

**3150 A**

Max Rated Current

**40 kA**

Max Breaking Current

## Technical Specifications

### Technical Features

- Vacuum interrupter arc extinction
- Encapsulated current and voltage sensors
- Robust metal cabinet construction
- Porcelain insulators
- Integrated status and control interfaces

### Applications

Industrial Power Distribution, Substation Automation, Renewable Energy Systems, Over-current Protection