

# 12kV Indoor Vacuum Circuit Breaker

The 12kV indoor vacuum circuit breaker is a three-phase AC 50Hz indoor switchgear component with a rated voltage of 12kV. It can be equipped with switchgear such as KYN28A-12 and GZS1 and is suitable for applications in power plants, substations, and industrial facilities.



## ADDITIONAL IMAGES



## Overview

### VS1-12 Medium Voltage Vacuum Circuit Breaker

The VS1-12 is a professional-grade indoor vacuum circuit breaker designed for 12kV three-phase AC power systems at 50Hz/60Hz. Engineered for high reliability, it features advanced vacuum interrupter technology for superior arc quenching and long operational life. Its modular, maintenance-free design is suitable for frequent operation in power plants, substations, and industrial facilities, meeting stringent international standards including GB1984 and IEC62271-100.

## Technical Specifications

### Performance Metrics

**12 kV**

Rated Voltage

**50 Hz**

Frequency

**4 s**

Short-circuit Withstand Duration

### Key Capabilities

- High-speed recloser functionality
- Multiple opening/closing operations
- Reliable mechanical interlock
- Composite insulated material
- Fixed and withdrawable mounting options

## Compatibility

### Compatible Switchgear Panels

KYN28, XGN, KYN28A-12, ABB-Uniswitch, GZS1, VD4-12

## Safety & Compliance

### Industry Standards

GB1984 • IEC62271-100