

Outdoor Vacuum Circuit Breaker ZW32-12

The ZW32-12 outdoor vacuum circuit breaker is a high-voltage electrical switchgear designed for outdoor use in power distribution systems. It uses vacuum interrupters to extinguish the arc during circuit interruption, offering reliable and efficient performance.



ADDITIONAL IMAGES



Overview

High-Performance Outdoor Vacuum Circuit Breaker

The ZW32-12 is a professional-grade outdoor AC vacuum circuit breaker designed for reliable operation in 12kV power systems. It provides essential protection against load currents, overload currents, and short circuits, making it ideal for substations, urban, and rural power networks. Built to withstand harsh environmental conditions, this breaker is specifically optimized for frequent operation and integration into automatic power distribution systems.

Technical Specifications

Auxiliary Circuit Rated Voltage

- DC 220V
- DC 110V
- DC 24V
- AC 220V
- AC 110V

Rated Frequency	50Hz/60Hz
-----------------	-----------

Rated Voltage	12 kV
---------------	-------

Performance

Energy Storage Time

5 s

AC Time

3.2 s

DC Time

Compliance

Applicable Standards

IEC62271-100, GB1984, GB/T11022

Test Data

Dielectric Withstand Tests

Test Type	To Ground (kV)	Inter-pole/Fracture (kV)
Dry Test	42	48
Wet Test	34	75