

12kV Outdoor Pole-Mounted Vacuum Circuit Breaker

VACEM



This AC high voltage vacuum circuit breaker is designed for outdoor pole-mounted applications. It is used in a three-phase electric system with AC 50Hz and a rated voltage of 12kV.

Overview

Intelligent Outdoor Protection

The ZW20A-12C is an intelligent AC high-voltage vacuum circuit breaker designed for 12kV pole-mounted distribution systems. It integrates advanced microprocessor control with vacuum arc extinguishing and SF6 gas insulation to provide reliable, maintenance-free operation in harsh outdoor environments. With built-in GPRS communication and automated reclosing capabilities, this device is an essential solution for modernizing electrical network protection and distribution automation.

Technical Specifications

Rated Voltage	12 kV
Rated Frequency	50 Hz
Insulation Medium	SF6 Gas
Arc Extinguishing Method	Vacuum Interrupter

Key Features

Automation & Control

- Remote control
- Remote supervision
- Remote signaling
- Remote adjusting
- GPRS communication system
- Automated auto-reclosing

Protection Standards

Anti-explosion, Anti-condensation, Anti-nasty, Maintenance-free

Operational Performance

Operational Highlights

1 Electromotion Spring

Mechanism Type

1 Miniaturization

Design Focus