

# 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