

Automatic Circuit Recloser

This automatic circuit recloser is a self-controlled circuit breaker used for automatic fault isolation and service restoration in electrical distribution systems. It utilizes vacuum interrupters within porcelain insulators for reliable arc quenching and includes an operating mechanism for high-speed tripping and reclosing.



Product Overview

Intelligent Outdoor Circuit Breaker

The ZW32-12/40.5kV is an outdoor high-voltage intelligent vacuum circuit breaker designed for reliable power distribution. It effectively manages load currents, overload currents, and short-circuit faults in urban and rural power grids. By combining with an intelligent controller, it acts as a distribution network 'watchdog' to isolate faults at the user branch level, preventing wider feeder line outages.

Technical Specifications

Rated Voltage	12 kV
System Frequency	50 Hz
Phase Configuration	Three-phase AC
Environment	Outdoor, Urban Grid, Rural Grid

Key Features

Protection Functions

- Load current breaking
- Overload current protection
- Short-circuit fault protection
- User branch grounding fault isolation

Operational Benefits

Fault Isolation • Service Restoration • Smart Grid Ready • Reduced Liability Disputes

Intelligent Controller	BW13-Y5
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