

12kV High Voltage Pole-Mounted Circuit Breaker with Pre-Paid Control



This 12kV high voltage circuit breaker is designed for use in AC 50 Hz electric systems with voltage 7.2~12kV. It functions as an automatic recloser under pre-paid H.V. measurement or distribution network automation projects.

Product Overview

Smart Pre-Paid Distribution Control

The YZD-12 type outdoor high-voltage pre-paid control device is designed to solve power cost recycling difficulties, particularly for large power users. Integrating a ZW8-12 vacuum circuit breaker with dry-type voltage and current transformers, this pole-mounted system enables automatic reclosing and secure pre-paid energy measurement. It is an ideal solution for modern distribution network automation, featuring robust anti-theft mechanisms and reliable load-breaking capabilities.

Technical Specifications

Rated Voltage	12 kV
Operating Frequency	50 Hz
Voltage Range	7.2 - 12 kV

Key Features

Core Functionalities

- Automatic recloser functionality
- Pre-paid energy measurement
- Distribution network automation
- Load current breaking on zero balance
- Anti-theft electricity protection

System Components

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Component	Description
Circuit Breaker	ZW8-12 Vacuum Circuit Breaker
Transformers	Dry-type Voltage and Current Transformers
Mechanism	Handle opening and closing spring mechanism
Control	Pre-paid ammeter and control circuit

Smart Management

Pre-Paid System Highlights	Dedicated Power Cards, Encrypted Data, Anti-Magnetic, Anti-Static, Sound & Light Alarm
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