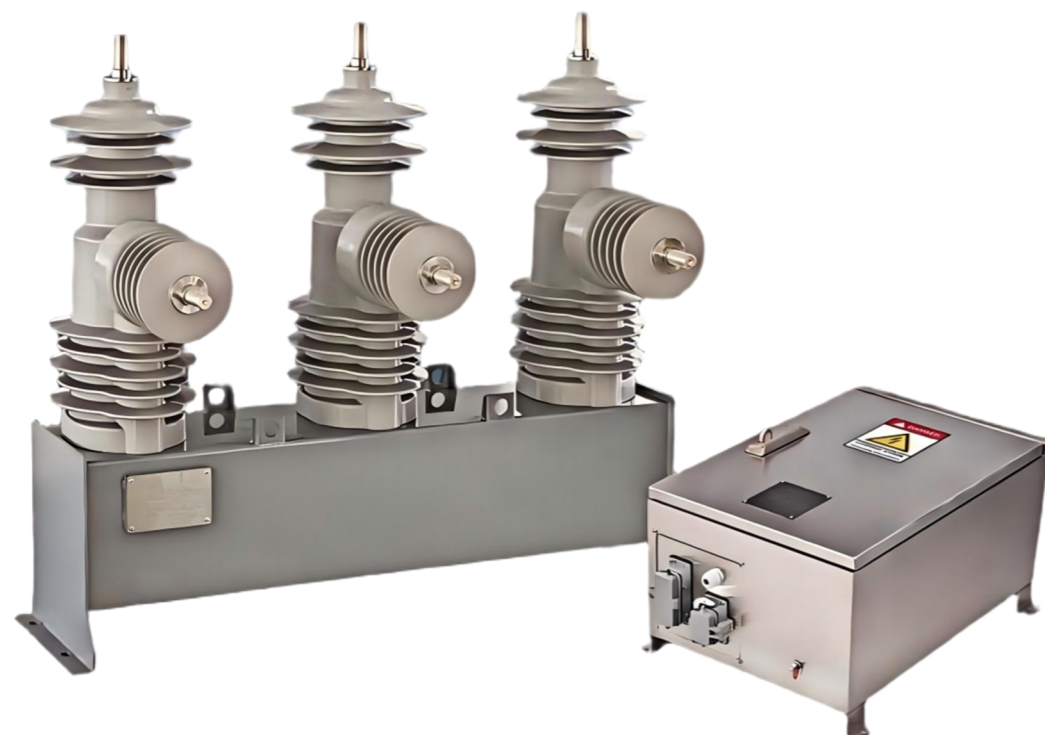


POLE-MOUNTED AUTO RECLOSER



Product Overview

The CYZW32 Series pole-mounted auto recloser is a crucial control and protection device for 10-35kV medium-voltage distribution networks. It is extensively utilized in various scenarios, including urban distribution line branch points, rural power grid main lines, industrial park power supply circuits, and radial distribution lines in remote areas.

It is particularly well-suited for harsh outdoor environments, such as extreme temperatures, wind, rain, and pollution. The device effectively addresses issues associated with traditional manual operations, such as inefficiency and prolonged power outages, and is a core component in enhancing the continuity and reliability of distribution network power supply.

The product is capable of breaking load, overload, and short-circuit currents, and supports dual operation modes (manual/electric). It is equipped with an advanced intelligent controller that enables the monitoring of operating statuses such as voltage, current, and switch position. It can automatically identify fault types, including short circuits and overloads, quickly disconnect fault circuits, and automatically reclose according to the preset number of attempts, thereby achieving distribution automation.

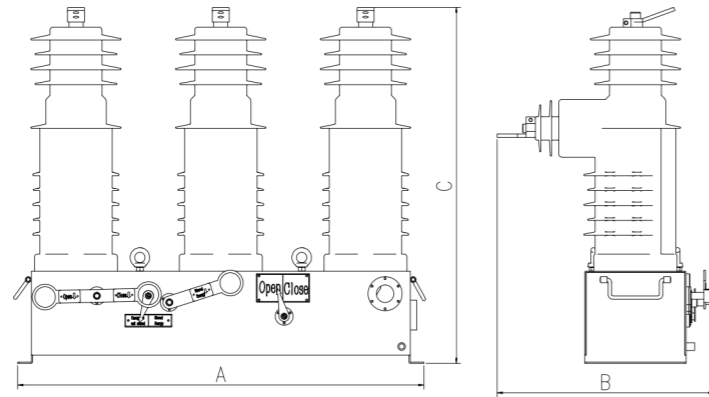
Product Features

- ▶ **Safe and Reliable**
It employs vacuum arc-extinguishing technology to ensure reliable breaking; alloy-reinforced contacts are utilized to minimize arc ablation to the greatest extent.
- ▶ **Technologically Advanced**
The recloser has built-in voltage and current sensors, eliminating the need for additional measuring devices and reducing its volume by 1/3. It adopts the Automatic-Pressure-Gelation(APG) casting process, and the partial discharge quantity of the whole machine does not exceed 10pC.
- ▶ **Efficient and Intelligent**
It is equipped with functions such as remote control, multiple protections, automatic reclosing, and status monitoring. Through feeder automation technology, it achieves rapid fault isolation and power supply restoration in non-faulty areas.
- ▶ **Easy to Use**
It features a modular design, with debugging completed in the factory. On-site operation is straightforward, and the requirement for operators' professional technical expertise is relatively low.

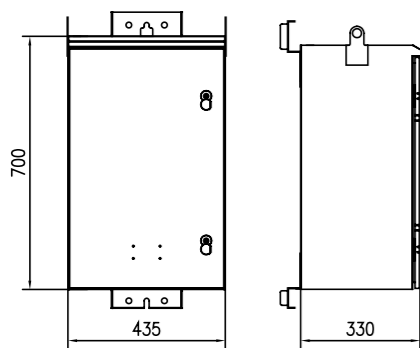
Technical Parameters

No	Item	Unit	Parameters		
1	Rated voltage	kV	12	24	36
2	Rated frequency	Hz	50		
3	Rated current	A	630		
4	1 min Power frequency withstand voltage	kV	42/48	65/79	95/118
	Lightning impulse withstand voltage		75/85	125/145	185/215
5	Rated Short-Circuit Breaking Current	kA	20		
6	Rated Short-Circuit Making Current	kA	50		
7	Rated Short-Time Withstand Current (4s)	kA	20		
8	Rated withstand current(peak)	kA	50		
9	Mechanical Life	times	10000		
10	Ingress Protection		IP67		

Overall Dimensions



(Switch Dimensions)



Control Unit Dimensions

	A(mm)	B(mm)	C(mm)
12kV	954	452	716
24kV	1034	505	910
36kV	1034	525	1030

Typical Applications

