WASION AMERICAS

High-Voltage AC Automatic Recloser



Wasion's reclosers exemplify our commitment to enhancing the performance and efficiency of distribution networks worldwide.

- Modular Design
- Outstanding Insulation Performance
- Superior Arc Extinguishing Performance
- High Environmental Adaptability

WASION AMERICAS

Wasion Americas Inc.
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High-Voltage/AC Automatic Recloser



Precision Manufacturing

- Equipped with built-in voltage and current sensors, the product ensures measurement accuracy of key parameters such as voltage and current to ≤0.5%. This compact design provides precise monitoring and enables diverse data acquisition

Reliable Operating Mechanism

- The permanent magnet mechanism improves operational precision and equipment stability while reducing mechanical wear
- An automatic locking and manual tripping design enables flexible switching between motorized and manual operation, ensuring high safety and low maintenance costs

Features and Benefits

Modular Design

- The product features a modular design, enabling components to respond swiftly to diverse project requirements with strong adaptability

Outstanding Insulation Performance

- The solid-sealed pole combines epoxy resin and silicone rubber composite insulation, offering excellent insulation properties, including long creepage distance, aging resistance, UV resistance, strong hydrophobicity, and maintenance-free performance throughout its lifecycle

Superior Arc Extinguishing Performance

- Vacuum interrupter technology combined with solid insulation provides superior interrupting performance, environmental friendliness and long service life

High Environmental Adaptability

- IP67 protection rating
- Operates reliably in a wide temperature range from -40°C to +70°C
- Capable of withstanding altitudes up to 1,500 meters and harsh environment
- Designed to resist seismic activity up to 8 degrees

Accurate Data Acquisition

- The enclosure is constructed with 304/316 stainless steel, offering exceptional corrosion resistance and structural strength. Laser cutting, automated welding, and anti-corrosion coating further enhance durability and aesthetics

Parameters and Specifications

Parameter Item		Unit	Parameter		
Maximum Rated Voltage		kV	15.5	27	38
Rated Frequency		Hz	50/60	50/60	50/60
Rated current		A	800	800	800
Rated Short-Circuit Breaking Current		kA	16	16	16
Rated Peak Withstand Current (50Hz)		kA	40	40	40
Rated Peak Withstand Current (60Hz)		kA	41.6	41.6	41.6
Rated Short-Circuit Making current (50Hz)		kA	40	40	40
Rated Short-Circuit Making current (60Hz)		kA	41.6	41.6	41.6
Rated Short-Time Withstand Current		kA	16	16	16
Rated Short-Circuit Duration		s	3	3	3
Rated Insulation Level	Lightning Impulse Withstand Voltage	kV	110	150	200
	Short-Time 1min Frequency Withstand Voltage	kV	50	70	95
Auxiliary and Control Circuits 1min Frequency Withstand Voltage		kV	2	2	2
Mechanical Life		Time	10000	10000	10000
Operating Rated Sequence		0-0.5s-CO-2s-CO-5s-CO			
Enclosure IP Rating		IP67			

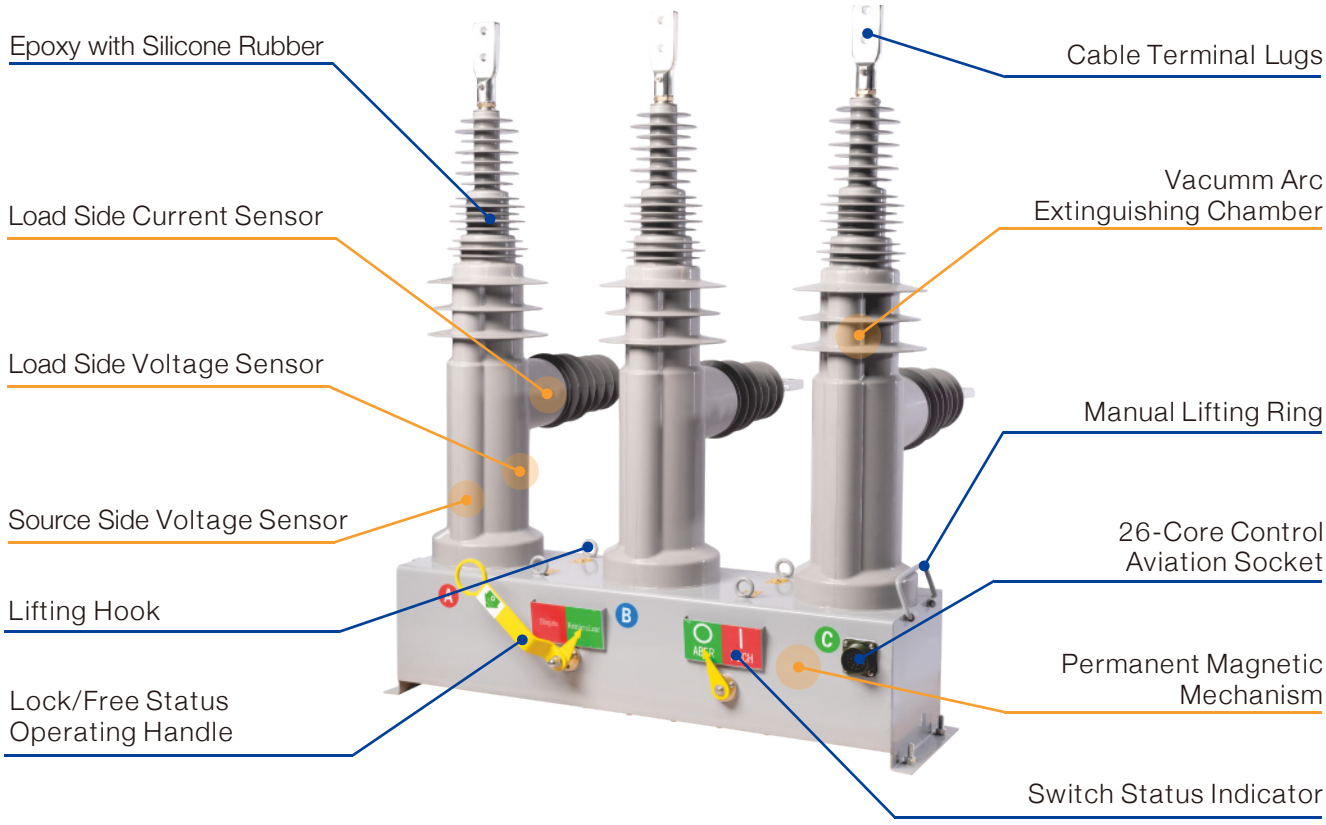
** Specifications of the products are subject to change without prior notice.*

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High-Voltage/AC Automatic Recloser

Wasion Recloser

- As an intelligent manufacturing demonstration enterprise, Wasion brings extensive industry expertise and advanced technical capabilities to deliver reliable power protection solutions.With our outdoor high-voltage AC auto reclosers, Wasion extends its commitment to quality and innovation to the global market.
- Wasion's high-performance, intelligent auto recloser is designed specifically for three-phase overhead distribution networks operating at 38kV or below. Featuring a modular design, it integrates control, protection, monitoring, and communication functions to quickly isolate line faults, enhance power supply reliability, and significantly improve the operational efficiency of distribution systems.
- Compliant with international standards such as ANSI C37.60, IEC 62271-111, and CFE-VH000-11, the product incorporates advanced permanent magnet mechanisms, dual-side voltage sensing technology, and standardized interfaces. It combines lightweight design with durability. Paired with the WSDT series intelligent distribution controller, it supports customizable operation interfaces and a variety of automation protection functions, meeting the diverse needs of customers worldwide.



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High-Voltage/AC Automatic Recloser

Application

Wasion's reclosers deliver versatile performance, caters to diverse needs, and supports tailored designs





Protective Applications
- Phase Overcurrent
- Earth Fault
- Negative Sequence Overcurrent
- Sensitive Earth Fault
- Automatic Reclosing
- Overvoltage/Undervoltage
- Fault Location
- Overfrequency/Underfrequency

Sectionalizing/Switching
- Remote/Local Recloser Switching
- Distributed Feeder Automation
- Sectionalizing

Automatic Function
- Parameter Configuration and Import & Export
- Logical Programming Function

Control Features
- Utilizes military-grade aircraft socket connections to ensure seamless integration between the controller and recloser devices
- Support for the latest communication protocols (IEC 60870-5-101, IEC 60870-5-104, DNP3.0, IEC 61850, etc.)
- Conforms to IEC 61000 EMC standards, with excellent anti-static, anti-electromagnetic interference, anti-voltage dips and other capabilities

Available Options and Accessories

Brackets (Optional)		Cable Length (Optional)	Controller (Optional)	Surge Arrester Bracket (Optional)	Terminal Connectors (several)	Bird Guards (Multiple)	Various Model-Specific Components (Multiple)
For Round Poles	Pole Clamp	6-15m	Wireless Communication Regulations Heaters	Power-side and Load-side Arrester Mounting Bracket	NEMA 2-Hole	Included	Bolt Nut Screw
	Through-Bolt						
For Square Pole	Fixed Plate						
	Through-Bolt						

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