

HV AC AUTOMATIC RECLOSER

RELIABLE POWER STARTS WITH
INTELLIGENT SWITCHING



**Powering the Future
with Precision and Control**

EDMP's outdoor high-voltage AC automatic recloser is designed for three-phase AC overhead power distribution networks operating at 60/50Hz and voltage levels of 15.5kV, 27kV, and 38kV. This intelligent device enhances network reliability by automatically performing fault isolation and reclosing operations according to predefined sequences. It enables quick segmentation of faults, reducing outages and ensuring a more stable and continuous power supply.

The system is managed by an advanced intelligent power distribution controller featuring a dual-core hardware platform. One core handles communication and file management, while the other manages real-time data acquisition and protection control. This coordinated architecture allows EDMP's smart recloser solutions to deliver fast, reliable, and efficient energy distribution management for modern power networks.



ENERGY STORAGE

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■ Features & Functions

Remote Signaling Function	Accurately collect switch status information
Telemetry function	Collect switch AC analog data information
Remote control function	Support the remote-control function of the remote master station
Overcurrent Protection	With definite time limit and inverse time limit overcurrent protection function
Grounding Protection	It has the function of researching and judging small current grounding protection of different neutral point grounding systems
Reclosing Function	Parameters such as reclosing times and interval time can be set according to user needs to realise the reclosing function
Reclosing Function	IEC 6227-111 IEC 60050-441 IEC 60050-448 IEC 60060-1

■ Technical Specification – 15.5kV Recloser

Parameter	Value
Rated Voltage	15.5kV
Rated Current	630/800A
Rated Frequency	60/50Hz
Rated short-circuit breaking current	16kA
Rated short-circuit making current (peak value)	41.6kA
Rated short-time withstand current	16kA
Rated power frequency withstand voltage (phase-to-phase/to-ground)	50kV
Rated lightning impulse withstand voltage (phase-to-phase/to-ground)	110kV
Nominal operating sequence	O-5 .0 s-CO- 2s- CO- 5 s-CO
Rated short circuit duration	3 secs
Mechanical Life	10,000 times
Degree of Protection	IP65

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