

# 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






## Features & Functions

Remote Signaling Function	<ul style="list-style-type: none"> <li>• Accurately collect switch status information</li> </ul>
Telemetry function	<ul style="list-style-type: none"> <li>• Collect switch AC analog data information</li> </ul>
Remote control function	<ul style="list-style-type: none"> <li>• Support the remote-control function of the remote master station</li> </ul>
Overcurrent Protection	<ul style="list-style-type: none"> <li>• With definite time limit and inverse time limit overcurrent protection function</li> </ul>
Grounding Protection	<ul style="list-style-type: none"> <li>• It has the function of researching and judging small current grounding protection of different neutral point grounding systems</li> </ul>
Reclosing Function	<ul style="list-style-type: none"> <li>• Parameters such as reclosing times and interval time can be set according to user needs to realise the reclosing function</li> </ul>
Reclosing Function	<ul style="list-style-type: none"> <li>• IEC 111-6227</li> <li>• IEC 441-60050</li> <li>• IEC 448-60050</li> <li>• IEC 1-60060</li> </ul>

## 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

### EDMP

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