

ABB OVR recloser

The most flexible solution for Smart Grid application

ABB's OVR recloser is one of the most flexible devices for auto restoration. In addition to reliability improvement and reduction of SAIDI, SAIFI, and MAIFI indices, the ABB OVR recloser can be used as an automatic load break switch or as a sectionalizer. This flexibility in functionality makes the OVR recloser the perfect solution for a smarter grid.

Three OVR recloser platforms provide maximum functionality and mounting flexibility suitable for a variety of applications:

OVR-3 recloser

- Modular three phase design for easy serviceability in the field
- No electronics in the high voltage cabinet, eliminating high cost maintenance
- Independent actuators enable single phase tripping capability
- No oil or SF-6 used as insulation
- Magnetic actuators eliminate coils and complicated spring charged mechanisms
- Current and voltage sensors embedded in the poles
- Pole insulation withstands harsh environmental conditions including very heavy contamination, exceeding IEC level 4 requirements for creepage

- Stainless steel cabinets
- Magnetic actuator has only one moving part, eliminating lubrication requirements and reducing maintenance
- Easy to service - control cabinet provides ample space for servicing
- Modular control design - easy to service and upgrade
- User programmable inputs/outputs
- Communication enabled - fully capable to communicate using open protocols such as DNP 3, Modbus, and IEC
- 10,000 mechanical or load operations

OVR-3SP recloser

All the same functionality of the OVR-3, but with three separate poles for mounting flexibility

OVR-1 recloser

- Simple controller with 19 programmable curves
- One size fits all - up to 800 A of nominal current and 10 kA of interruption to meet multiple load requirements
- Same high performance features of OVR-3 reclosers: magnetic actuated, no oil or SF6, and no electronics on the high voltage side



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