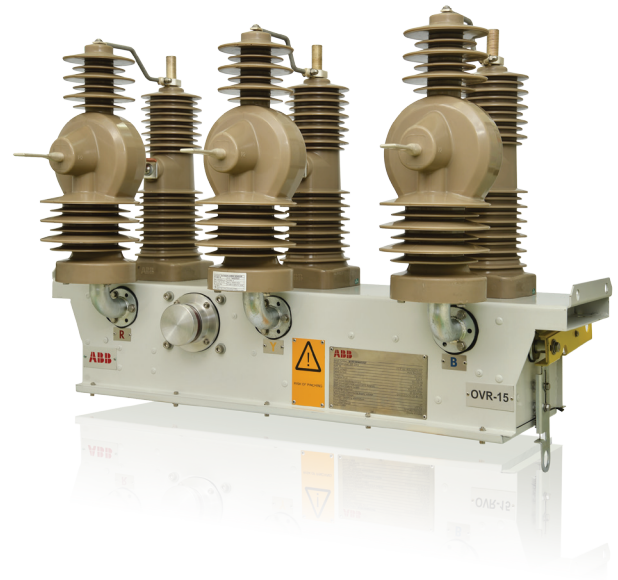


OVR-15®

15.5 kV three-phase vacuum recloser

ABB's continuous efforts to provide the most advanced feeder automation equipment to the industry has led to the expansion of the OVR platform. OVR-15®, is a three-phase automatic recloser paired and fully type tested with RER615, an advanced and comprehensive yet simple relay from ABB's Relion® family. OVR-15 provides reliable performance and advanced features to protect outdoor networks and substations.



Recloser features

- Three-phase recloser with mechanically ganged three phase operation
- Incorporated current and voltage sensing available on source and load side terminals
- Designed, tested and built as per IEC 62271-111, ANSI/IEEE C37.60 standards
- Total Cost of Ownership at its best: ABB design and components providing full reliability
- Safety at its maximum: Operator safety measures include mechanical and electrical block when circuit is ready, and no electronics on HV cabinet for reduced maintenance needs
- Eco-efficient with time proven HCEP insulation material
- State-of-the-art magnetic actuator and vacuum interrupters

RER615 – Autorecloser relay

- Part of ABB Relion® family
- Native IEC 61850 with GOOSE messaging, DNP3, Modbus, IEC 60870-5-101/104 protocol
- Enabled to support high-speed protection, interlocking, transfer switching, fault isolation and service restoration
- Extensive protection functions to fit all network type, especially powerful for compensated networks with or without distributed generation
- Comprehensive syncrocheck function
- Freely programmable disturbance recorder and load profile functions
- Embedded power quality metering
- Large, easy-to-read LCD screen with SLD, local control and parameterization possibilities with dedicated push buttons for safe operation
- Six setting groups for protection scheme flexibility
- Draw out design for quick and easy maintenance
- Environment-friendly design with RoHS compliance
- Changes in configuration can be done from the front panel HMI, web-based user interface or connectivity tool, PCM600

Technical data

Parameter	Units	OVR-15
Interrupting medium		Vacuum
Insulating medium		HCEP
Actuator type		Magnetic
Cabinets material		Stainless steel
Current sensing technology per phase		Current transformer
Voltage sensing technology per phase		Resistive voltage divider
Load and source voltage sensing availability		Yes
Ambient air temperature range	°C	-40°C... +55°C
Rated max. voltage	kV	15.5
Rated lightning impulse withstand voltage (BIL)	kV	110
Rated continuous (normal) current	A	630
Rated short-time withstand current	kA	12.5
Rated duration of short circuit	s	3
Rated symmetrical interrupting current	kA	12.5
Rated symmetrical making current	kAp	33
Rated frequency	Hz	50/60
Rated operating sequence		O-0.2s-CO-2s-CO-2s-CO
Min. guaranteed CO operations at rated continuous current	Ops	10000
Number of max. tripping operations	n	4
Standards		IEC 62271-111-2012 IEEE C37.60-2012 (dual logo standard)
Auxiliary voltage supply	V	110/240 VAC
Pollution level as defined in IEC 60815		Very heavy
Controller (IED)		RER615



RER615 Autorecloser relay



LV control cabinet

For more information please contact your local ABB office, email us or visit our website and social media tools:

www.abb.com/mediumvoltage

E-mail: ppmvsupport@in.abb.com

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