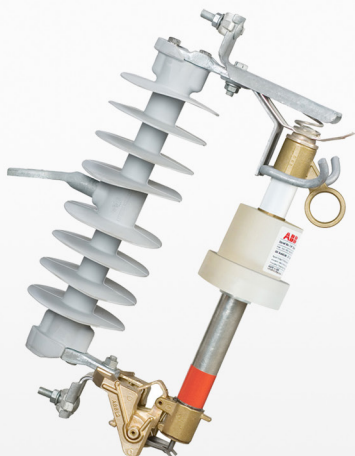


WiAutoLink wireless electronic sectionalizer

Increased reliability of overhead networks



The AutoLink electronic sectionalizer is designed to improve power quality and reliability. With an advanced design and only one style needed per voltage class (15-38 kV), utilities reduce network downtimes and improve performance indexes.

Key product features

- Only one style needed per voltage class (15, 27, and 38 kV)
- Compatible with all interchangeable cutouts
- Configurable actuating current
- Count settable between 1 and 4
- Configuration through software
- Detects and discriminates inrush current, in different percentages of second harmonic ratios
- Event log and LED signaling
- Wireless communication for multi-phase tripping
- Two-week lead time shipped from Pinetops, NC

Benefits

- No disposable components to replace if the AutoLink operates, greatly reducing maintenance times and preventing unnecessary outages
- Field configurable and resettable as many times as needed
- Minimizes inventory by up to 70% with the 'one kV rating fits all' design
- To cover a vast range of system requirements, one unit per kV can support a configurable dead line current from 200 to 700 A and is suitable for up to 10 kA interrupting current
- No special tools are required for the simple trip arm reset
- Fault data is stored in the event log, including harmonics analysis, for advanced understanding of system events
- Single-, bi-, or three-phase operation without the need for clunky hardware, as WiAutoLinks can communicate with each other

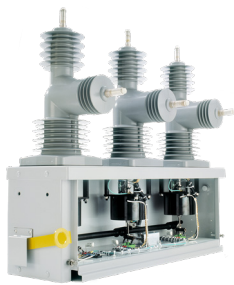
Solutions

- Reliability improvement
 - The WiAutoLink is able to distinguish between a temporary and a permanent fault. The unit only disrupts operation when a permanent fault has occurred, significantly decreasing service interruptions.
 - The electronics in the WiAutoLink count the operations of an upstream recloser
- Long lateral lines
 - The WiAutoLink minimizes outages and costly truck rolls to service long lateral lines by maintaining service through temporary faults
- Industrial solutions
 - Industrial facilities can enhance protection and minimize outages by using the three-phase WiAutoLink

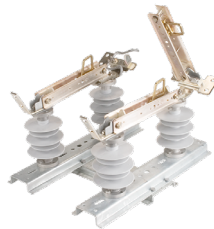


Technical data				
Rated max voltage	kV	15.5	27	38
Rated lightning impulse withstand (BIL)	kV	110	150	170
Nominal current	A	200	200	200
Rated symmetrical interrupting current	kA	10	10	10
Actuating current range	A	Resettable between 5 and 200 A in steps of 1 A		
Number of opening counts		Resettable between 1 and 4 counts		
Inrush current detection method		Harmonic analysis		
Dead line detection	mA	Configurable between 200 to 700		
Dead line verification time	msec	Max. 80		
Memory resetting time	sec	Programmable between 10 and 300 seconds		
Operating temperature range (guaranteed up to 200 A)	°C	-40 to +55		
Protection class (IP)		IP68		

ABB offers a complete apparatus portfolio:



Three-phase GridShield® recloser



By-pass switch (RBD)



27 kV voltage transformer with ResiVolt™ technology (VOG-15R)



Interchangeable cutout (ICX)