



Southern States Recloser

15.5 kV – 38 kV

Economical Solutions For Fault Isolation & Improved System Reliability

Southern States Distribution Automation Solutions are economical vacuum switching devices that can offer greater reliability and improved cost efficiency to a distribution system. Its flexible design allows utilities to employ the automated switch as a sectionalizer, ganged recloser, or triple single recloser available with SEL 751, 351R, 651RA, 651R, Beckwith M7679, or Siemens programmable automation controllers. This all-in-one product can help utilities reduce total inventory, minimize training requirements, as well as provide applicational flexibility to their systems.

FEATURES

- 360° field of view position & fault indicator with 19 LED indicating lights
- 6 built-in resistive voltage sensors (*<1% accuracy*)
- HCEP encapsulated vacuum interrupters
- Painted 304 stainless steel tank / cabinets
- Standard five year warranty (*10 year option available*)
- 90° rotated poles, wildlife guards, & surge arresters/brackets (*optional*)

SPECIFICATIONS

Voltage Classes

15.5 kV / 27 kV / 38 kV

Rated Continuous Current

900 A

Fault Interrupting Ratings

12.5 / 16 kA

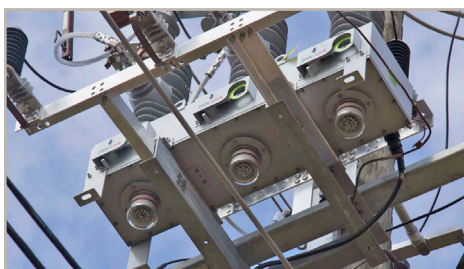
Rated Frequency

50 / 60 Hz

CATALOG FLYER

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RATINGS

Maximum Voltage (kV)	15.5	27	38
Continuous Current (A)	900		
Rated Frequency (Hz)	50 / 60		
Basic Insulation Level (kV)	110	150	170
Symmetrical Interrupting Current (kA)	12.5 / 16	12.5	
Asymmetric Peak Making Current (kA)	40	32.5	
Line Charging Current (A)	2	5	
Cable Charging Current (A)	10	25	40
60 Hertz Withstand Voltage (kV):			
<i>Dry, one minute</i>	50	60	70
<i>Wet, ten seconds</i>	45	50	60
Creepage Distances (mm / in):			
<i>Terminal to Terminal</i>	673 / 26.5	876 / 34.5	1160 / 45.7
<i>Lower Terminal to Ground</i>	679 / 26.7	938 / 36.9	1500 / 59.0
Mechanical Life (Close / Open Operations)	10,000		
Ambient Temperature (°C)	-40 to +60		

CONTROL CABINET

- SEL 751, 351R, 651RA, 651R, Beckwith M7679, or Siemens programmable automation controllers available
- 35' or 50' standard control & power cables (*custom lengths available*)
- Relay bypass open/close push buttons
- Standard 10-year lithium ion battery
- Hygrotherm – To control temperature and humidity
- Provisions for customer supplied radio
- MOV surge protection
- Duplex receptacle