Southern States
The Quality Name in High Voltage Switching

CATALOG FLYER

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 or recloser, available with SEL 751, 351R, 651RA, 651R2, or Beckwith M7679 programmable automation controllers.

FEATURES

- 360^{O} fault indication light
- Painted 304 stainless steel tank / cabinet
- Three current sensors
- Six built-in voltage sensors
- HCEP encapsulated vacuum interrupters
- Standard five year warranty
- Ganged and triple single (single tank) available

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

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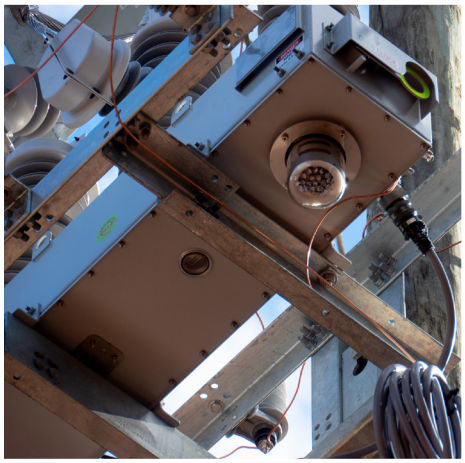

RATINGS

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)	16	12.5	16
Asymmetric Peak Making Current (kA)	40	32.5	40
Line Charging Current (A)	2	5	
Cable Charging Current (A)	10	25	40
60 Hertz Withstand Voltage (kV):			
Dry, one minute	50	60	70
Wet, ten seconds	45	50	60
Creepage Distances (mm / in):			
Terminal to Terminal	673 / 26.5	876 / 34.5	1160 / 45.7
Lower Terminal to Ground	679 / 26.7	938 / 36.9	1500 / 59.0
Mechanical Life (Close / Open Operations)	10,000		
Ambient Temperature (°C)*	-40 to +60		

CONTROL CABINET

- Available with SEL-2411, 751, 351R, 651R2, or Beckwith M7679 programmable automation controllers
- 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

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