



ES-1

Single Side
Break Switch

Reliability and Low Operating Effort

Southern States type ES-1 single side break switch is the solution for your subtransmission and distribution applications. It's versatile, easy to install and available for all break switch applications.

FEATURES

- Unique blade design with jaw end pivot produces very low operating effort
- Does not require slam-in action to seat contacts; allowing the use of a manual gear crank operator if desired in lieu of a manual swing handle
- Suitable for horizontal upright, vertical, or underhung mounting.
- Available with a wide variety of accessories

SPECIFICATIONS

Maximum Voltage Ratings

72.5 kV – 145 kV

Continuous Current Rating

1200 A, 2000 A

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RATINGS

Maximum Voltage Rating (kV)	72.5	123	145
BIL (kV)	350	550	650
Rated Power Frequency	60 Hz		
Continuous Current	1200 A	2000 A	
Short-Time Symmetrical Withstand (3 Sec)	38 kA RMS	63 kA RMS	
Peak Withstand	99 kA	164 kA	
Ambient Temperature Rating	-40°C to +50° Standard -50°C Optional		

CHARACTERISTICS & BENEFITS

- Jaw guide stop assures proper contact seating during the closing operation and when fully closed
- Can be outfitted with standard arcing horns, whip type arcing horns, loop splitting, or load interrupters depending upon the required duty
- Square blade construction for maximum rigidity and current carrying surface area
- 4 hole NEMA tin plated copper terminal pads
- Maintenance free bearings

Applications

- Isolation
- Bypassing of other substation equipment
- Bust tie positions
- Cable dropping
- Line dropping/bus dropping/cable dropping/magnetizing current interrupting (when furnished with appropriate arcing horns)