

LSH & LSH-B

Horizontal Interrupter Line Switchers

- 38 kV – 242 kV
- 1200 A, 1600 A, and 2000 A Continuous Current
- 1200 A, 1600 A, and 2000 A Load Current Interrupting
- 1200 A, 1600 A, and 2000 A Loop Current Interrupting
- 400 A Line Charging Current Interrupting
- 10 Time 40 kA Fault Closing
- Makes and Breaks Circuit in SF₆ Gas



The Most Versatile and Capable Horizontal Interrupter Line Switchers Available in the Marketplace Today

Southern States LSH and LSH-B line switchers provide economical, versatile, space saving solutions for switching applications requiring:



- Load Breaking
- Line Dropping
- Loop Splitting
- Transformer Magnetizing Current Interrupting
- Cable Switching
- Reactor Switching
- Series Capacitor Bypassing

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Horizontal Interrupter Line Switchers

Key Advantages

- Makes and breaks the circuit in SF₆ gas
- Puffer interrupters provide long contact life and multi-time fault closing capability
- Single gap interrupters provide full BIL without the need for an integral disconnect switch or voltage grading resistors/capacitors
- Simple, easy erection minimizes field installation time required—all kV ratings ship with the insulators factory assembled and adjusted as standard
- Ships with minimal gas pressure for safety during transportation and in handling during installation
- Adaptable to a wide variety of mounting positions, structure heights, and phase spacings
- The only available makes-the-circuit-in-the-interrupter line switcher available in the industry
- The only available non-blade model line switcher (type LSH)
- Southern States 5-year warranty promises trouble-free operation



Ratings:

Maximum kV Rating	38	48.3	72.5	121	145	169	242
Interrupter/Blade BIL (kV)	350/200	350/250	350	550	650	750	900
Continuous Current	1200 A, 1600 A, 2000 A for all kV ratings						
Load Current Interrupting	1200 A, 1600 A, 2000 A for all kV ratings						
Loop Current Interrupting	1200 A, 1600 A, 2000 A for all kV ratings						
Line Charging Current Interrupting	400 A for all kV ratings						
Fault Closing Rating	10 time 40 kA, 15 time 31.5 kA, 30 time 20 kA for all kV ratings						
Ambient Temperature Range	-40°C to +50°C standard for 38 kV through 169 kV -30°C to +50°C standard for 242 kV -40°C to +50°C optional for 242 kV -50°C to +50°C optional for all kV ratings (including 242 kV)						



Note: for dimensional information on the LSH and/or on the LSH-B please contact Southern States for drawing(s) of the rating(s) of interest.

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