

CSV

Vertical Interrupter Circuit Switcher

- 15.5 kV – 72.5 kV
- 1200 A & 1600 A Continuous Current
- 20 kA & 25 kA Primary Fault Current Interrupting
- 5 Cycle Interrupting Speed
- 5 Time 25 kA Fault Closing



Powerful Performance in a Compact Package

The CSV, already available for 48.3 kV thru 170 kV applications, has now been expanded to cover 15.5 kV thru 38 kV applications. In addition, a new, more compact design has been added for 48.3 kV and 72.5 kV applications. The CSV brings circuit breaker capabilities into the circuit switcher market and is available for applications requiring:

- Power Transformer Switching and Protection
- Capacitor Switching (Non-Transient Mitigating) and Protection
- Reactor Switching and Protection
- Bus Switching and Protection
- Line Switching and Protection
- Cable Switching and Protection



The Quality Name In High Voltage Switching

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Key Advantages:

- 5 cycle interrupting speed minimizes system disturbance
- Puffer interrupters provide long contact life and multi-time fault closing capability
- Ships fully assembled as shown in photo at right for simple, easy installation
- Ships with minimal gas pressure for safety during transportation and in handling during installation
- Single mechanism spring operator provides reliable long-life performance
- Local visual indication of gas system provided by an SF₆ pressure gauge
- Gas density switch with low pressure alarm and low pressure lockout contacts for remote status monitoring
- Southern States 5-year warranty promises trouble-free operation



Ratings

Maximum Voltage	15.5 kV	27 kV	38 kV	48.3 kV	72.5 kV
BIL	110 kV	150 kV	200 kV	250 kV	350 kV
Continuous Current	1200 A 1600 A	1200 A 1600 A	1200 A 1600 A	1200 A	1200 A
Primary Fault Current Interrupting	20 kA 25 kA	20 kA 25 kA	20 kA 25 kA	20 kA 25 kA	20 kA 25 kA
Interrupting Time	5 cycles	5 cycles	5 cycles	5 cycles	5 cycles
Full Fault Operations	10	10	10	10	10
Fault Closing Rating	5 time 25 kA	5 time 25 kA	5 time 25 kA	5 time 25 kA	5 time 25 kA
Ambient Temperature Rating	-40° C to +50° C Standard	-40° C to +50° C Standard	-40° C to +50° C Standard	-40° C to +50° C Standard	-40° C to +50° C Standard



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