



CSV

Vertical Interrupter
Circuit Switcher
242 kV

The most complete line of Circuit Switchers now Includes the 245 kV CSV Vertical “Candlestick” design.

The Southern States 245 kV CSV is the latest addition to the most complete line of circuit switchers in the market. Designed for transformer protection, it has a primary fault interrupting capability of 20 kA and a secondary thru fault interruption capability of 4 kA. Its narrow profile and straight forward design make it ideal where space and assembly time are a premium.

FEATURES

- Interrupting speed minimizes system disturbances
- Available with 20 kA interrupting rating
- Spring-spring mechanism provides long life performance
- Local and remote gas monitoring system

SPECIFICATIONS

Maximum Voltage Ratings

242 kV

Continuous Current Ratings

1200 A

Primary Fault Interrupting Ratings

20 kA

Secondary Thru-Fault Interrupting Ratings

4 kA

Fault Close Rating

40 kA

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RATINGS

Maximum Voltage Rating (kV)	242
Interrupter/BIL (kV)	900
Continuous Current	1200 A
Primary Fault Interrupting	20 kA
Secondary Thru-Fault Interrupting	4 kA
Interrupting Time	6 cycles
Power Frequency	60 Hz
Short-Time Withstand	40 kA (3 sec)
Peak Withstand	104 kA
Short-Circuit Making	40 kA
Insulator Design	Porcelain
Ambient Temperature Range	-30° C to +50° C

KEY ADVANTAGES

- Makes and breaks circuit in SF₆
- Ships with minimal gas pressure for safety during transportation and for handling during installation
- Local visual indication of gas pressure provided by color coded temperature compensated gas gauge
- Common gas system with gas density switch with low pressure alarm and low pressure lockout for remote status monitoring
- Straight forward mechanical design insures long life, repeatable operation
- Southern States 5-year warranty promises trouble free operation

Rated Duty Cycle

O – 0.3 sec – CO – 15 sec –CO

Application

- Transformer Protection