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 straightforward 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
CSV
Vertical Interrupter
Circuit Switcher
242 kV

**RATINGS**

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

**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