The CVB-2 copper live parts vertical break disconnect switch joins the Southern States product family.

An end rotating insulator, 2000 A continuous current rated, copper live parts vertical break switch, the CVB-2, has now joined the expanding Southern States disconnect switch product family. The CVB-2 is suitable for all air break applications.

**BENEFITS**

- Meets all ANSI standards
- Maximum versatility (upright, vertical, or underhung mounting)
- It operates with either a manual operator or a Southern States type VM-1 motor operator

**SPECIFICATIONS**

- **Maximum Voltage Rating**
  - 15.5 kV – 245 kV
- **Continuous Current Rating**
  - 2000 A
**Key Features**

- Copper live part construction
- Sealed, threaded hinge current transfer
- 4 hole NEMA tin plated copper terminal pads
- Maintenance free bearings
- Single channel or double channel base designs
- Reverse loop jaw contact fingers with silver-to-silver current transfer surfaces
- Slant jaw end insulator version also available
- Can be furnished with a wide variety of accessories

**Additional Applications**

- Line disconnecting
- Line sectionalizing
- Isolation of other substation equipments (circuit breakers, circuit switchers, power transformers, etc)
- Bypassing other substation equipment
- Bus tie positions
- Magnetizing current interrupting (when furnished with appropriate arcing horns)
- Load breaking/loop splitting/line dropping/bus dropping/cable dropping (when furnished with appropriate arcing horns or interrupters)

### Ratings

<table>
<thead>
<tr>
<th>Maximum Voltage Rating (kV)</th>
<th>15.5</th>
<th>27</th>
<th>38</th>
<th>48.3</th>
<th>72.5</th>
<th>123</th>
<th>145</th>
<th>170</th>
<th>245</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIL (kV)</td>
<td>110</td>
<td>150</td>
<td>200</td>
<td>250</td>
<td>350</td>
<td>550</td>
<td>650</td>
<td>750</td>
<td>900/1050</td>
</tr>
</tbody>
</table>

### Additional Ratings

<table>
<thead>
<tr>
<th>Rated Power Frequency</th>
<th>60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Current</td>
<td>2000 A</td>
</tr>
<tr>
<td>Short-Time Symmetrical Withstand (3 Sec)</td>
<td>63 kA RMS</td>
</tr>
<tr>
<td>Peak Withstand</td>
<td>164 kA</td>
</tr>
<tr>
<td>Ambient Temperature Rating</td>
<td>-40ºC to +50º Standard -50ºC Optional</td>
</tr>
</tbody>
</table>