The EV-2 product family expands to copper with higher kV ratings and higher continuous current ratings.

Southern States widely popular EV-2 vertical break switch has now had its ratings expanded to include 4000 A continuous current at any kV as well as a 362 kV class. The expanded EV-2 ratings, like all EV-2 switches, are available in both aluminum and copper for all air break switch applications.

**BENEFITS**

- Meets all ANSI standards
- Parts constructed of corrosion-resistant copper and bronze
- Maximum versatility (upright, vertical, or underhung mounting)

**SPECIFICATIONS**

- **Maximum Voltage Rating**
  - 15.5 kV – 362 kV
- **Continuous Current Rating**
  - 3000 A - 4000 A
EVB-2
Copper Vertical Break Switch

### Key Features
- Copper live part construction
- Reverse loop jaw contact fingers with silver-to-silver current transfer surfaces
- 4 hole or 6 hole NEMA copper U-shaped tinned terminal pads
- Maintenance free bearings
- Single channel or double channel base designs
- 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>
<th>362</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>
<td>1050/1300</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>3000 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>-40°C to +50°C Standard</td>
</tr>
</tbody>
</table>