Get Maximum Reliability with Low Operating Effort.

Widely popular Southern States EV-2 aluminum vertical break switch with its simple design concept suits most all applications. Its long lasting and low operating effort will reduce maintenance costs for any of your disconnect switch applications.

**BENEFITS**

- Meets all ANSI standards
- Easily accommodates full load break devices and other accessories
- Good for over 2000 operations
- Easy and fast installation and adjustment
- Maintenance free, long lasting and low operating effort
- Higher terminal pad loading allowing for long bus length

**SPECIFICATIONS**

- **Maximum Voltage Rating**
  - 15.5 kV – 245 kV
- **Continuous Current Rating**
  - 1200 A – 3000 A
EV-2
Aluminum Vertical Disconnect Switch

**KEY FEATURES**

- Silver to silver jaw end contacts using two different silver alloys
- Spring loaded threaded hinge end current interchange
- Terminal pads aluminum extrusion construction makes it very strong and rigid without use of castings for support
- Three-sided terminal pads allow multiple conductor terminations
- Sealed and permanently lubricated double row ball bearings
- Standard, custom or multiple mounting arrangements available
- Double channel construction above 69 kV; single channel construction below 115 kV

**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>1200 A - 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>
</tbody>
</table>

**Ambient Temperature Rating**

-40°C to +50°C Standard  
-50°C Optional