Southern States RDA-1, long recognized as the industry’s leading double end break switch, is also available in a more compact version, the RDA-1V. The RDA-1V shares the same live parts as the conventional base length RDA-1, but the RDA-1V can fit on center break Vee switch style structures and on vertical break switch phase spacing, resulting in the smallest space consumption switch design available in the marketplace today.

**BENEFITS**

- Meets all ANSI standards
- Allows the most simple structure designs
- Maximum versatility (upright, vertical, or underhung mounting)
- Low profile. Requires minimum overhead clearance

**SPECIFICATIONS**

- **Maximum Voltage Rating**
  123 kV – 362 kV
- **Continuous Current Rating**
  1200 A - 4000 A
RDA-1V
Aluminum Double End Break Vee Switch

**KEY FEATURES**

- Aluminum live part construction
- Reverse loop jaw contact fingers with silver-to-silver current transfer surfaces
- 4 hole NEMA unplated aluminum terminal pads
- Maintenance free bearings
- Tubular base designs
- Consumes the least amount of substation space of any switch design
- Can be furnished with a wide variety of accessories
- Available as the integral isolation component of Southern States CSV-DB Circuit Switcher

**RATINGS**

<table>
<thead>
<tr>
<th></th>
<th>123</th>
<th>145</th>
<th>170</th>
<th>245</th>
<th>362</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum Voltage Rating (kV)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BIL (kV)</strong></td>
<td>550</td>
<td>650</td>
<td>750</td>
<td>900/1050</td>
<td>1050/1300</td>
</tr>
<tr>
<td><strong>Rated Power Frequency</strong></td>
<td></td>
<td></td>
<td></td>
<td>60 Hz</td>
<td></td>
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<tr>
<td><strong>Continuous Current</strong></td>
<td>1200 A</td>
<td>2000 A</td>
<td>3000 A - 4000 A</td>
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<tr>
<td><strong>Short-Time Symmetrical Withstand (3 Sec)</strong></td>
<td>38 kA RMS</td>
<td>63 kA RMS</td>
<td>80 kA RMS</td>
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<tr>
<td><strong>Peak Withstand</strong></td>
<td>99 kA</td>
<td>164 kA</td>
<td>208 kA</td>
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</tr>
<tr>
<td><strong>Ambient Temperature Rating</strong></td>
<td>-40°C to +50°C Standard</td>
<td>-50°C Optional</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional Applications**

- Line disconnecting
- Line sectionalizing
- Isolation of other substation equipments (circuit breakers, circuit switches, power transformers, etc)
- Bypassing other substation equipment
- Bus tie positions
- Line dropping/bus dropping/cable dropping/magnetizing current interrupting (when furnished with appropriate arcing horns)