The Southern States center break product family expands again.

Southern States introduces aluminum center break switch EC-2V which features an aluminum shunt hinge design. It improves reliability and customer value at higher continuous current.

**BENEFITS**

- Meets all ANSI standards
- Maintenance free bearings
- Suitable for horizontal upright, vertical, or underhung mounting at most ratings
- Easy and fast installation and adjustment
- Aluminum shunt welds are completely sealed ensuring every lamination is welded into the current path

**SPECIFICATIONS**

- **Maximum Voltage Rating**: 72 kV – 245 kV
- **Continuous Current Rating**: 2000 A – 4000 A
**EC-2V**
Aluminum Center Break Vee Switch

**KEY FEATURES**
- Aluminum live part construction with silver to silver contacts
- Round blade construction for maximum rigidity and current carrying surface area
- One 4-hole NEMA unplated aluminum terminal pad (2000 A)
- Two 4-hole & one 6-hole NEMA unplated aluminum terminal pads (3000 / 4000 A)
- Double channel base designs
- Can be operated with either a manual (swing handle or worm gear) or Southern States type VM-1 motor operator
- Available 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
- Line dropping/bus dropping/cable dropping/magnetizing current interrupting (when furnished with appropriate arcing horns)

**RATINGS**

<table>
<thead>
<tr>
<th>Maximum Voltage Rating (kV)</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>350</td>
<td>550</td>
<td>650</td>
<td>750</td>
<td>900</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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Short-Time Symmetrical Withstand (3 Sec)</th>
<th>63 kA RMS</th>
<th>63 kA RMS</th>
<th>80 kA RMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Withstand</td>
<td>164 kA</td>
<td>164 kA</td>
<td>208 kA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ambient Temperature Rating</th>
<th>-40°C to +50°C Standard</th>
<th>-50°C Optional</th>
</tr>
</thead>
</table>