The Industry's premiere double end break switch becomes even more capable.

Southern States RDA, the “big brother” to Southern States RDA-1 double end break switch, is now available at an astounding 5000 Ampere continuous current capability. The RDA’s significant current carrying capability coupled with its superior ice breaking one make it robust beyond question. The RDA is available for all air break switch applications.

BENEFITS

• Meets all ANSI standards
• Allows the most simple structure designs
• Maximum versatility (upright, vertical, or underhung mounting)
• Low profile. Requires minimum overhead clearance
• Heavy duty, robust design for special applications

SPECIFICATIONS

Maximum Voltage Rating
38 kV – 800 kV

Continuous Current Rating
2000 A - 5000 A
### RDA Heavy Duty

**Aluminum Double End Break Switch**

**KEY FEATURES**

- Aluminum live part construction with special shielding
- Reverse loop jaw contact fingers with silver-to-silver current transfer surfaces
- 4 hole NEMA terminal pads
- Maintenance free bearings
- Single channel, double channel, and tubular pipe base designs
- 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
- Line dropping/bus dropping/cable dropping/magnetizing current interrupting (when furnished with appropriate arcing horns)
- Heavy ice
- Heavy termination loads

### RATINGS

<table>
<thead>
<tr>
<th>Maximum Voltage Rating (kV)</th>
<th>123</th>
<th>145</th>
<th>170</th>
<th>245</th>
<th>362</th>
<th>550</th>
<th>800</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIL (kV)</td>
<td>550</td>
<td>650</td>
<td>750</td>
<td>900/1050</td>
<td>1050/1300</td>
<td>1550/1800</td>
<td>2050</td>
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<tr>
<td>Rated Power Frequency</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>60 Hz</td>
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<tr>
<td>Continuous Current</td>
<td>5000 A</td>
<td>2000 A - 4000 A</td>
<td>2000 A</td>
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<tr>
<td>Short-Time Symmetrical Withstand (3 sec)</td>
<td>80 kA RMS</td>
<td>63 kA RMS</td>
<td>63 kA RMS</td>
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<tr>
<td>Peak Withstand</td>
<td>208 kA</td>
<td>164 kA</td>
<td>164 kA</td>
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<td></td>
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<tr>
<td>Ambient Temperature Range</td>
<td>-40°C to +50°C Standard</td>
<td>-50°C Optional</td>
<td></td>
<td></td>
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</tr>
</tbody>
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