High current capacity, low maintenance, and reliable performance.

The EV-2H vertical break switch is a heavy duty, high current capacity design disconnect specifically designed to carry the mechanical and electrical stresses of high voltage and high ampere ratings. The low maintenance, robust design along with its low operating effort are ideal for all conventional air switch applications.

**BENEFITS**

- Meets all ANSI standards
- Efficient, high capacity current transfer hinge contact design
- Suitable for horizontal upright, vertical, or underhung mounting
- Comes fully adjusted for ease of installation
- Maintenance free, long lasting and low operating effort
- Higher terminal pad loading allowing for long bus length

**SPECIFICATIONS**

- **Maximum Voltage Rating**
  - 15 kV – 800 kV
- **Continuous Current Rating**
  - 4000 A
### Key Features

- Silver to silver jaw end contacts using two different silver alloys
- Hinge electrical and mechanical functions separated, provide increased mechanical strength and improves high current transfer
- Three-sided terminal pads allow multiple conductor terminations
- 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>
<th>362</th>
<th>500</th>
<th>800</th>
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</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>
<td>1800</td>
<td>2050</td>
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<tr>
<td>Power Frequency</td>
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<tr>
<td>Continuous Current</td>
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<tr>
<td>Short Time Withstand</td>
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<td></td>
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<td></td>
<td></td>
<td>80 kA (3 sec), 100 kA (1 sec)*</td>
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<tr>
<td>Peak Withstand</td>
<td>208 kA (80 kA / 3 sec), 270 kA (100 kA / 1 sec)*</td>
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*Applicable to 500 kV and 800 kV only

**Ambient Temp. Rating**

-40° C to +50° C standard
-50° C optional