Distribution Vacuum Circuit Breaker

Distribution Vacuum Circuit Breaker
Three-Phase Distribution Vacuum Circuit Breaker
Type DVCB with Electronic Control

The Line Power Three-Phase Distribution Vacuum Circuit Breaker is a rugged and servicable DVCB utilizing a simple straight line operator and stored energy spring mechanism. Line Power includes the following standard and optional features. Additionally, Line Power specializes in accessories and ratings to meet special application requirements.

**Standard Features**

- Operations Counter
- One Relay Accuracy CT Per Phase
- Selector Switch (TRIP, CLOSE)
- DC Capacitor Tripping with Fail Safe Trip Circuit
- Heavy-Duty Gear Motor with Spring Charging Mechanism That is Electrically and Mechanically TRIP FREE
- Control Voltage: 120 VAC
- Electronic Overcurrent Relay with ANSI/IEC Time-Current Curve Selections, Ground Fault Sensing, and Time-Delay Settings
- 14-gauge NEMA 3R Cabinets
- Adjustable Height Base
- Swingout Control Panel for Maintenance
- Number Markers on All Control Wiring
- Durable ANSI #61 Gray Paint
- Thermostatically Controlled Heaters
- Visible Bottle Wear Indication
- Visible Load Side Disconnect with Automatic Grounding

**Optional Features and Accessories Include:**

- Remote Control for Trip and Close
- Extra Creep Bushings
- NEMA 12 Enclosure
- Pad-mount Enclosure
- Stainless-Steel Cabinet and Hardware
- Extra CTs for Relaying and Metering
- Internal or External VTs for Phase Sequence Relaying and/or Control Power
- SCADA Terminal Points
- Zone 4 Seismic Duty
- Lightning Arresters
- Cabinet Options: Colors, Powder Paint, Stainless Steel
- Customized Protection and Control Schemes

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**Standard Ratings**

<table>
<thead>
<tr>
<th></th>
<th>15.5 kV</th>
<th>15.5 kV</th>
<th>27 kV</th>
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</thead>
<tbody>
<tr>
<td>Maximum Voltage</td>
<td>95 kV</td>
<td>95 kV</td>
<td>125 kV</td>
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<tr>
<td>BIL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuous Current</td>
<td>600A</td>
<td>1200A</td>
<td>600A</td>
</tr>
<tr>
<td>Interrupting Rating (Sym)</td>
<td>12.5 kA</td>
<td>18.0 kA</td>
<td>12.5 kA</td>
</tr>
</tbody>
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Substation Mount
(Pole Mount Available)
Genuine Line Power Component Parts

Switches

Vacuum Circuit Breakers

Low and High Voltage Couplers, Flange Terminators

Ground Monitors and Ground Fault Relays

High Voltage Splice Boxes

Mine-Duty Transformers