

Distribution Vacuum Circuit Breaker

Product
Data
Sheet

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 Ratings

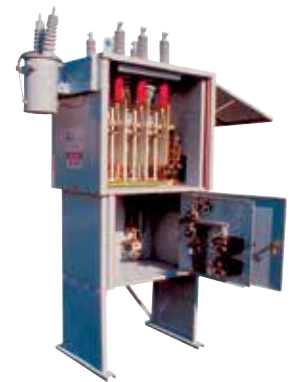
Maximum Voltage	15.5 kV	15.5 kV	27 kV
BIL	95 kV	95 kV	125 kV
Continuous Current	600A	1200A	600A
Interrupting Rating (Sym)	12.5 kA	18.0 kA	12.5 kA
Operations Before Maintenance	2000	2000	2000

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:

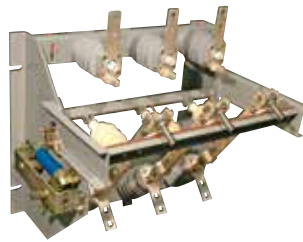
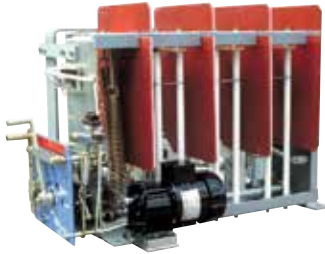
- Remote Control for Trip and Close
- Extra Creep Bushings
- NEMA 12 Enclosure
- Pad-mount Enclosure
- Stainless-Steel Cabinet and Hardware
- Extra CTs for Relaying and Metering
- Internal or External VTs for Phase Sequence Relaying and/or Control Power
- SCADA Terminal Points
- Zone 4 Seismic Duty
-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



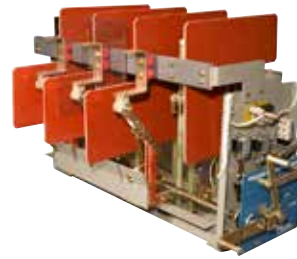
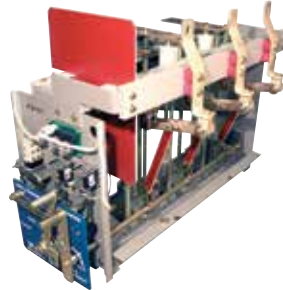
Substation Mount
(Pole Mount Available)

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

