Reclosing Vacuum Fault Interrupter
Three-Phase Distribution Vacuum Circuit Breakers
Type DVCB With Electronic Control

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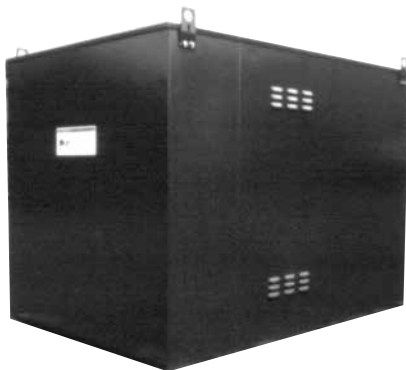
Standard Features

- Tested to the Fault Interrupter Requirements of C37.60.
- Operation 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
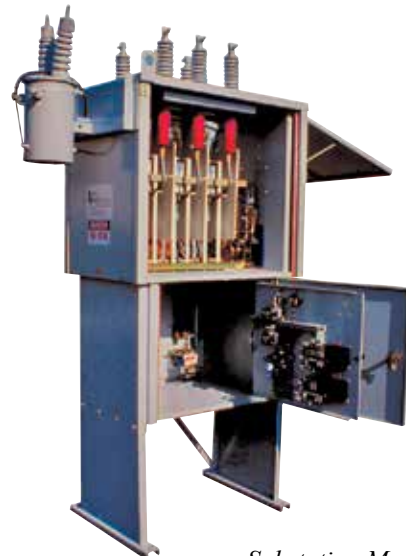
Optional Features and Accessories Include:

- 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 4 300%g Seismic Duty
- Lightning Arresters
- Cabinet Options: Colors, Powder Paint, Stainless-Steel
- Customized Protection and Control Schemes

Standard Ratings

Maximum Voltage	15.5 kV	15.5 kV	15.5 kV	27 kV	27 kV
BIL	95 kV	95 kV	95kV	125 kV	125kV
Continuous Current	600 A	1200A	1000A	600 A	800A
Interrupting Rating (Sym)	12.5 kA	18.0 kA	20kA	12.5 kA	16kA
Operations Before Maintenance	2000	2000	10000	2000	10000

Tamper-Proof Pad-mount

Substation Mount

Notes