

# Distribution Vacuum Reclosers

## Three-Phase Distribution Vacuum Circuit Breakers

### Type DVCB with Electronic Control

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

#### Standard Ratings

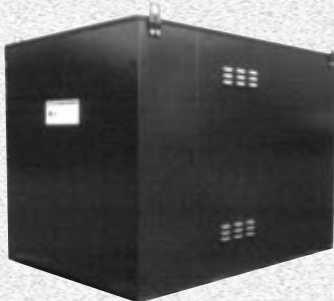
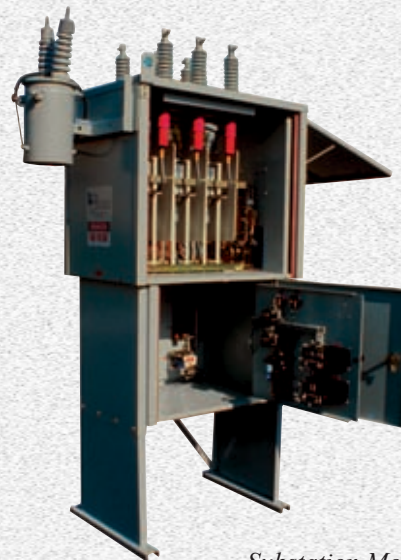
Maximum Voltage	15.5 kV	15.5 kV	27 kV
BIL	95 kV	95 kV	125 kV
Continuous Current	600 A	1200A	600 A
Interrupting Rating (Sym)	12.5 kA	18.0 kA	12.5 kA
Operations Before Maintenance	2000	2000	2000

#### 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



*Tamper-proof  
Pad-mount*

*Substation Mount  
(Pole Mount Available)*

