

Reliable, cost-effective  
power control



## VS—Vacuum Switches

Vacuum Under Oil Capacitor Switches



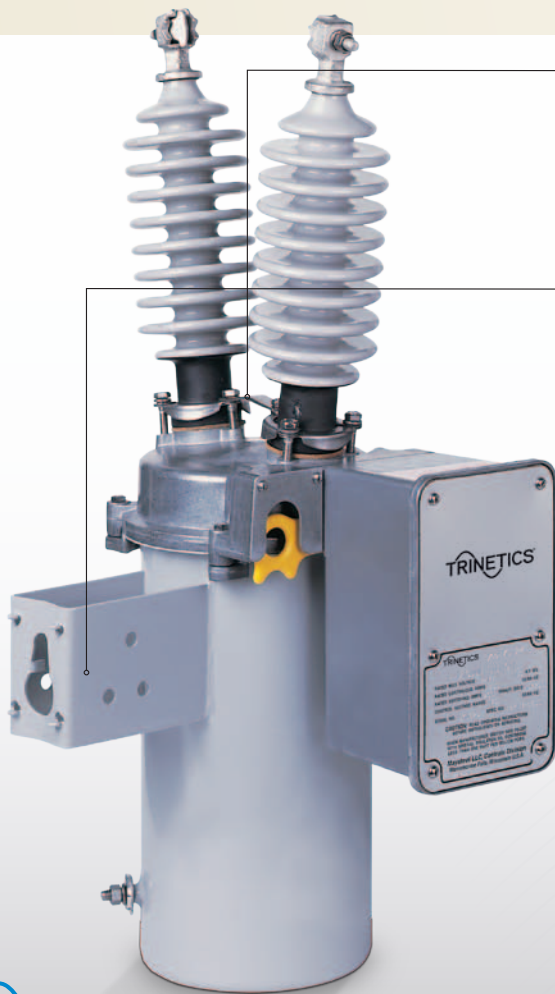
## Vacuum-type Capacitor Switches

Trinetics® high-performance 200A vacuum switches, available for system applications up to 34.5kV grounded wye, are field proven in thousands of applications. They feature the highest voltage ratings on the market in single-phase switches at 24kV, along with full BIL levels for added capacity and protection.

Utilities on a small budget will appreciate the low cost of reliable, motor-operated Trinetics® vacuum switches, which are priced up to one-third less than similar solenoid-operated vacuum

capacitors. Employing them in your application results in a payback often measured in months, not years.

Use Trinetics® vacuum switches in combination with ProCap™ voltage and temperature controls on a SmartBank™ pole- or pad-mounted station for a one-stop total capacitor solution. It is the most reliable, cost-effective way to maintain voltage levels and improve efficiencies.



**TRINETICS**

### Center lifting point

**Porcelain bushings** have an 11", 17", or 24" creep distance and are designed for low radio interference.

**Weather shield** protects the high-visibility, yellow manual level from the elements, while permitting complete access for manual operation.

**Five-pin receptacle** and an integrated NEMA hanger for quick and easy installation. Pole, wall, or frame mounting possible without additional wiring or hardware. Kits available for cross-arm mounting.

**Motor draws 3 amps** versus 12 amps for equivalent solenoid-operated switches, allowing the unit to be more forgiving during poor power or low voltage conditions.

**Switch-rating data** is permanently engraved on a heavy-duty aluminum nameplate; all exterior hardware is stainless steel, aluminum, or plated brass.

**Steel tank** is corrosion resistant, painted with a gray polyurethane for maximum wear resistance.

Can be operated manually or automatically with Trinetics ProCap™ micro-processor controls. An external power source is not required to close the switch manually.

15kV and 24kV designs, both fully conformed to ANSI Standard C37.66 for safety and performance.

Extended vacuum bottle gap provides the distance needed for BIL levels higher than 95kV.

Unique power and linkage arrangement provides for extraordinarily high-speed engagement/disengagement and ensures contacts remain firmly latched when closed.

