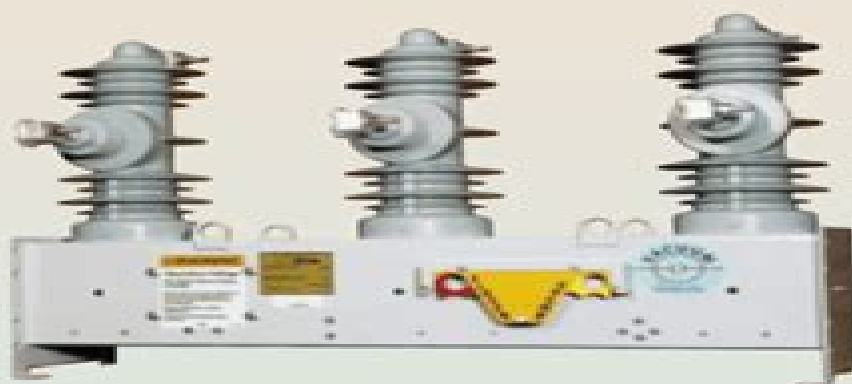


Kyle Type *VCS-3* Vacuum Capacitor Switch



- *SF₆-Free*
- *Oil-Free*
- *Maintenance-Free*
- *Environmentally-Safe*
- *Cycloaliphatic Encapsulated Vacuum Interrupters*
- *Three-Phase Operation*
- *15.5 and 29.2 kV, 400 Amp Capacitive Switching*
- *ANSI C37.66 Rated and Certified*

VCS-3 Description

The Kyle® Type VCS-3 Vacuum Capacitor Switch is another in the complete line of capacitor switches from Cooper Power Systems. The VCS-3 is a three-phase switch combining the proven NOVA™ solid insulation system with technologically-advanced vacuum interrupters and an efficient magnetic actuator operating mechanism.

VCS-3 Operation

Reliable operation of the mechanism is assured by use of a magnetic actuator. Magnetic force provides faster, more efficient latching action than mechanical force. Magnetic latching utilizes fewer moving parts, resulting in less wear on mechanical components and yields latching force in excess of 136 kilograms (300 pounds), eliminating the need for closing/ opening springs and mechanical latches.

The lightweight VCS-3 switch is SF₆ gas-free, oil-free, and maintenance-free; utilizing Kyle's environmentally-friendly NOVA solid-insulation system. The switch is equipped with operating handles for manual close and open abilities, ensuring operational capabilities should control power be lost. And, to further simplify your VCS-3 application, the power required to operate the magnetic actuator is substantially less than solenoid-operated switches — just 25 Watts (150 Watts peak).

Capacitor Bank Switching

The versatile VCS-3 switch is designed for a wide range of inductive current and capacitive current switching applications. A variety of options and accessories makes applying the VCS-3 in your capacitor switching applications easy.

For ordering information or additional product information, contact your Cooper Power Systems representative.



Vcs 3 Cooper Control Diagram

Siddappa N.Byrareddy



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