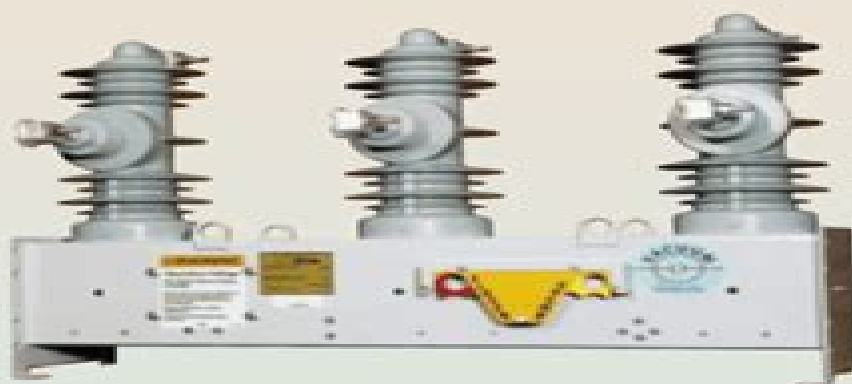


# Kyle Type *VCS-3* Vacuum Capacitor Switch



- *SF<sub>6</sub>-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 SF<sub>6</sub> 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

**Ensheng Dong**



### Vcs 3 Cooper Control Diagram:

**Handbook of Non-Ferrous Metal Powders** Oleg D Neikov, N. A. Yefimov, Stanislav Naboychenko, 2009-02-24 The manufacture and use of the powders of non ferrous metals has been taking place for many years in what was previously Soviet Russia and a huge amount of knowledge and experience has built up in that country over the last forty years or so. Although accounts of the topic have been published in the Russian language no English language account has existed until now. Six prominent academics and industrialists from the Ukraine and Russia have produced this highly detailed account which covers the classification, manufacturing methods, treatment and properties of the non ferrous metals: aluminium, titanium, magnesium, copper, nickel, cobalt, zinc, cadmium, lead, tin, bismuth, noble metals and earth metals. The result is a formidable reference source for those in all aspects of the metal powder industry. Covers the manufacturing methods, properties and importance of the following metals: aluminium, titanium, magnesium, copper, nickel, cobalt, zinc, cadmium, noble metals, rare earth metals, lead, tin and bismuth. Expert Russian team of authors, all very experienced. English translation and update of book previously published in Russian. Geological Survey Bulletin, 1965. **Design Automation of Cyber-Physical Systems** Mohammad Abdullah Al Faruque, Arquimedes Canedo, 2019-05-09 This book presents the state of the art and breakthrough innovations in design automation for cyber physical systems. The authors discuss various aspects of cyber physical systems design including modeling, co design, optimization tools, formal methods, validation, verification and case studies. Coverage includes a survey of the various existing cyber physical systems, functional design methodologies and related tools which will provide the reader with unique insights into the conceptual design of cyber physical systems. **Modelling and Control of Marine Craft** M.M.A. Pourzanjani, G. N. Roberts, G.N. Roberts, 1991-02-25 Proceedings of the International Conference on Modelling and Control of Marine Craft held at Exeter UK 18-20 April 1990. Catalogue and Index of Contributions to North American Geology Geological Survey (U.S.), 1965. Cumulated Index Medicus, 1974. **Educational Times**, 1916. Radio & TV News, 1921. Some issues Aug 1943-Apr 1954 are called Radio electronic engineering ed. called in 1943 Radionics ed. which include a separately paged section. Radio electronic engineering varies v 1 no 2 v 22 no 7 issued separately Aug 1954-May 1955. Index of Patents Issued from the United States Patent Office United States Patent Office, 1951. **Theory and Practice of Aircraft Performance** Ajoy Kumar Kundu, Mark A. Price, David Riordan, Peter Belobaba, Jonathan Cooper, Allan Seabridge, 2016-09-02 Textbook introducing the fundamentals of aircraft performance using industry standards and examples bridging the gap between academia and industry. Provides an extensive and detailed treatment of all segments of mission profile and overall aircraft performance. Considers operating costs, safety, environmental and related systems issues. Includes worked examples relating to current aircraft: Learjet 45, Tucano, Turboprop, Trainer, Advanced Jet Trainer and Airbus A320 types of aircraft. Suitable as a textbook for aircraft performance courses. **Electro-technology**, 1963. The Builder, 1892. **National Library of Medicine Audiovisuals Catalog**

National Library of Medicine (U.S.), *Control* ,1968 *Radio News* ,1921 Some issues 1943 July 1948 include separately paged and numbered section called Radio electronic engineering edition called Radionics edition in 1943 **The Pupil:**

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