

INDUSTRIAL COMPONENTS OF WEST VIRGINIA



VACUUM INTERRUPTERS (ENSIGN/LINEPOWER & PDP/SMC STYLES)



Recondition PDP/SMC style load break switch



Stainless steel PDP/SMC style circuit break switch frame



Reconditioned Ensign/LinePower style circuit break switch



New faceplate, auxiliary, and solenoids on Ensign/LinePower style circuit break switch

PDP/SMC Style Vacuum Load and Circuit Break Switches

Industrial Components has a line of brand new PDP/SMC style Vacuum interrupter breakers. These breakers exceed their predecessors in functionality, durability, and maintenance.

- Redesigned stainless steel frame provides a sturdier design with corrosion resistance.
- Stainless steel hardware provides easy assembly, disassembly, and maintenance.
- Cutler Hammer Vacuum bottles ensure thousands of consistent full load interruptions.
- Visible disconnect allows visible detection of the state of the switch.
- Switch is available as either a 15KV Circuit Breaker or Load Breaker.

Specifications: PDP/SMC Style Vacuum Load/Circuit Break Switch

Rating	600 Ampere Continuous
Interrupting	2,000/12,000 Amp Symmetrical
Momentary Close and Latch Operation	20,000 Amperes RMS Asymmetrical Continuous 60Hz, 15KV Nominal System Voltage, 95 KV BIL

Ensign/LinePower Style Vacuum Load and Circuit Break Switches

Industrial Components has a line of brand new Ensign/LinePower style Vacuum interrupter breakers. These breakers exceed their predecessors in functionality, durability, and maintenance.

- Redesigned stainless steel frame provides a sturdier design with corrosion resistance.
- Stainless steel hardware provides easy assembly, disassembly, and maintenance.
- Cutler Hammer Vacuum bottles ensure thousands of consistent full load interruptions.
- Antiquated rotary auxiliary switch is replaced with a directly wired pushbutton switch making installation and maintenance easier.
- Shunt and Under-Voltage solenoids are directly wired and situated on the front of the switch making installation and maintenance easier.
- Visible disconnect allows visible detection of the state of the switch.

Specifications: Ensign/LinePower Style Vacuum Circuit Break Switch

Rating	600 Ampere Continuous
Interrupting	12,000 Amp Symmetrical
Momentary Close and Latch Operation	20,000 Amperes RMS Asymmetrical Continuous 60Hz, 14.4KV Nominal System Voltage, 95 KV BIL

Ensign/LinePower & PDP/SMC Style Vacuum Load and Circuit Break Rebuilt Switches

Industrial Components has the ability to rebuild both Ensign/LinePower and PDP/SMC style breakers. Our rebuild shop can customize your rebuild to fit your needs and your budget. Whether you want your old switch to look brand new or if you just want your old switch to be fixed, we can do it. We can also add a visual disconnect to old switches that did not have this option. We also stock rebuilt switches that are available for purchase without requiring an old switch (core).

Industrial Components Vacuum Interrupter Rebuild Shop

Industrial Components has the ability to rebuild both Ensign/LinePower and PDP/SMC style breakers. Our rebuild shop can customize your rebuild to fit your needs and your budget. Whether you want your old switch to look brand new or if you just want your old switch to be fixed, we can do it. We can also add a visual disconnect to old switches that did not have this option. We also stock rebuilt switches that are available for purchase without requiring an old switch (core).

Simple Rebuild:

On a simple rebuild we take your old switch (core) strip it down, paint it, and fix it according to your needs. This type of rebuild is very basic. We use all the components off your old switch that can be used and replace the bad or faulty components with OEM parts. We test the switch before shipment and ensure that your switch will work. The turn-around period and pricing of this service are dependent on the amount of work that needs to be done. Contact Industrial Components for estimates or further questions. We guarantee you won't find better value or service.

Complete Refurbish:

When we refurbish a switch we make it look and work like a new one. We start by stripping the old switch down to the frame. We then scrub and degrease the frame and then apply a thick coat of rust resistant paint. All mechanical parts are checked for functionality and replaced if need be. All visible components are replaced. This includes barriers, push-rods, vacuum bottles, copper bus, insulators, bus mounting, hardware, solenoids, face-plate, and the auxiliary switch. We then test the switch and ensure that your switch will look and work like new. The turn-around period on these switches is dependent on current work load at Industrial Components. Contact Industrial Components for estimates or further questions. We guarantee you won't find better value or service.

Pricing:

Our pricing is dependent on the amount of work to be done and the amount of parts needed to do the job. The following prices are to be used as an estimate. Prices are subject to change.

Add a visible disconnect to a switch that does not have one (Ensign/LinePower Style only):
\$800.00 - \$1000.00

Complete Refurbish (Described Above):

With Core \$2500.00 - \$2900.00 (Depending on core)
Without Core \$2900.00 - \$3200.00

Cutler Hammer Vacuum Bottle:

15.5 KV \$400.00
7.5KV \$280.00

Solenoid:

Shunt Trip/Under Voltage \$50.00

Contact Lonnie Black or Dan Bowe for further details: (304) 453-5303
<http://www.icwv.com>