

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	CHANGE OF NAME		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Joslyn Manufacturing and Supply Co.		01/04/2005	CORPORATION: ILLINOIS
RECEIVING PARTY DATA			
Name:	Joslyn Hi-Voltage		
Street Address:	4000 E. 116th St.		
City:	Cleveland		
State/Country:	OHIO		
Postal Code:	44105		
Entity Type:	LTD LIAB JT ST CO: OHIO		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Registration Number:	1330593	VERSAVAC	
CORRESPONDENCE DATA			
Fax Number:	(216)341-3615		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	216-271-6600		
Email:	info@joslynhv.com		
Correspondent Name:	Joslyn Hi-Voltage		
Address Line 1:	4000 E. 116th St.		
Address Line 4:	Cleveland, OHIO 44105		
NAME OF SUBMITTER:	Jim Domo		
Signature:	/jimdomo/		
Date:	01/06/2005		

OP \$40.00 1330593

Total Attachments: 6

900017600

**TRADEMARK
 REEL: 003003 FRAME: 0271**

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Features/Benefits

The Joslyn VerSaVac is a completely sealed, long life vacuum switch that provides an operational life of over 100,000 (50,000 open/close) maintenance-free operations. This results in an operational life five times greater than other switches used for pole top capacitor switching. The VerSaVac was specifically designed as a replacement for maintenance intensive oil switches and can be used as a direct replacement on existing banks or supplied by capacitor manufacturers on new banks. Using the VerSaVac will result in substantial savings from reduced maintenance and maximized bank uptime, and will also improve Power Quality.

NO OIL OR GAS

Vacuum interruption and solid dielectric "Joslyte" insulation around vacuum bottle. This material is non-hygroscopic and absorbs stresses from thermal expansion & shock, and has been field proven for over 35 years.

COMPATIBILITY

VerSaVac switches are compatible with existing oil switch or vacuum switch installations.

RELIABILITY

Proven design with over 100,000 worldwide installations and over 15 years of operational experience.

SYNCHRONIZED OPERATION

The fast and repeatable solenoid operating mechanism ensures all phases will operate within 1/4 cycle, unlike slow motor operated devices, reducing the recovery voltage when the bank is being switched off, which in turn reduces the electrical stress on the insulation of the capacitor bank.

ZERO VOLTAGE CLOSING (ZVC) CONTROL

Optional Zero Voltage Closing control, mitigates transients associated with bringing capacitor banks online. Virtually eliminates costly customer equipment damage resulting from voltage spikes created when switching capacitor banks.*

UTILIZES EXISTING OIL SWITCH POWER SUPPLY & WIRING

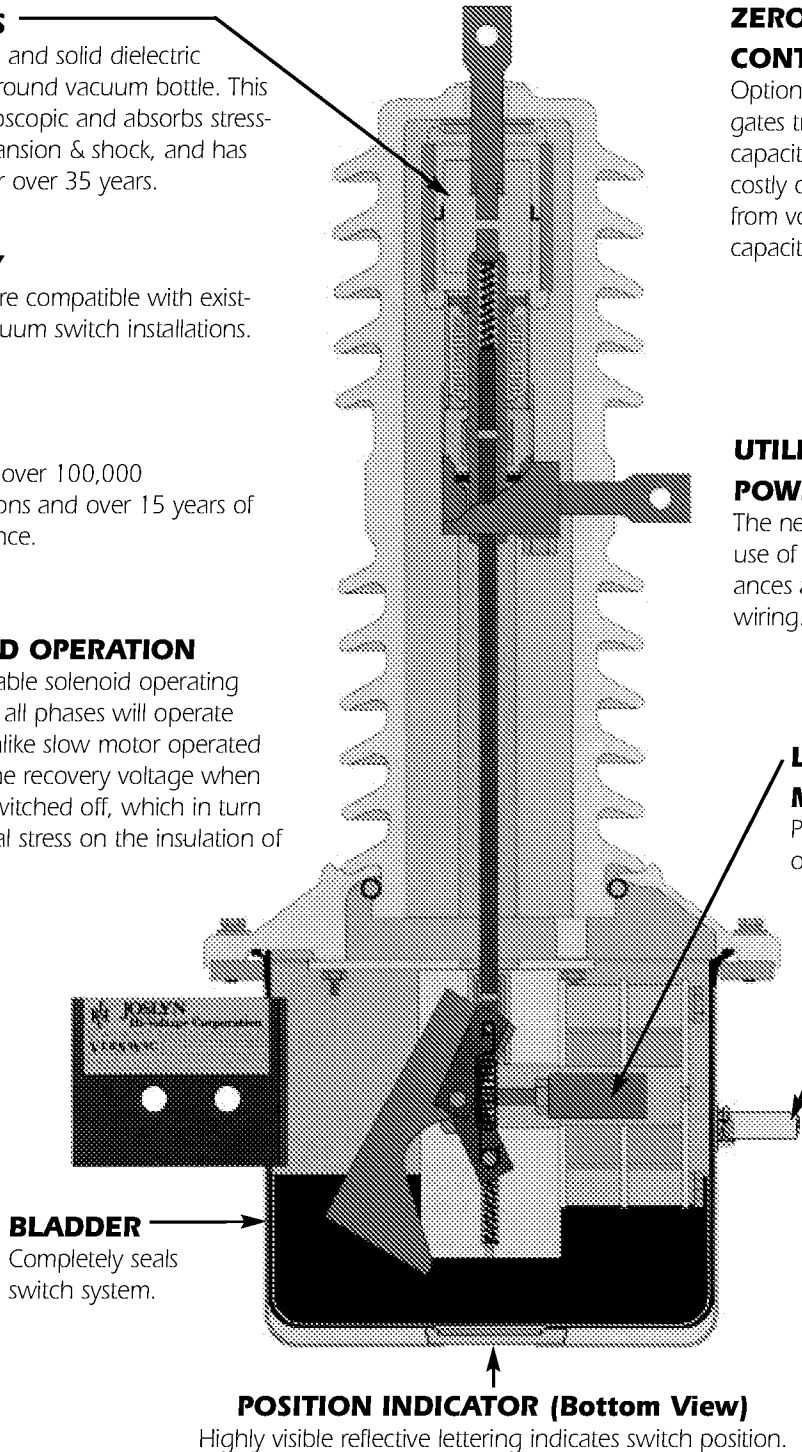
The new low energy mechanism allows the use of standard supply transformer impedances and existing 14AWG oil switch wiring.**

LONG LIFE SOLENOID MECHANISM

Provides 100,000 operations (50,000 open/close)

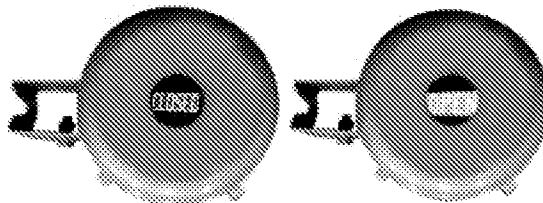
MANUAL TRIP LEVER (OPTIONAL)

Trip lever is NOT mechanically connected to the operating mechanism, eliminating wear during normal operation.



BLADDER
Completely seals switch system.

POSITION INDICATOR (Bottom View)
Highly visible reflective lettering indicates switch position.



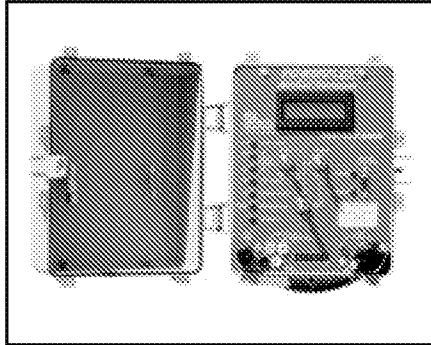
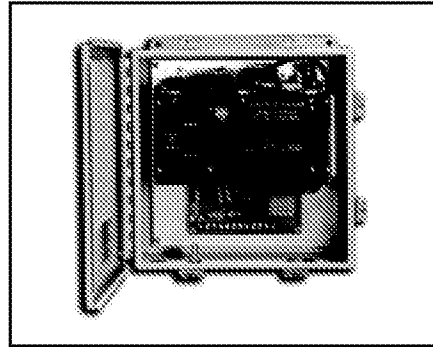
*See I 750-239 Zero Voltage Closing Instructions Manual

**See I 750-271 Single Phase VerSaVac Installation and Operating Procedure for complete details

Capacitor Controls

ZERO VOLTAGE CLOSING CONTROL

Improves power quality and capacitor life by eliminating capacitor closing transients. Closes three poles independently synchronized with zero voltage in each phase to eliminate overvoltages and reduce inrush current.

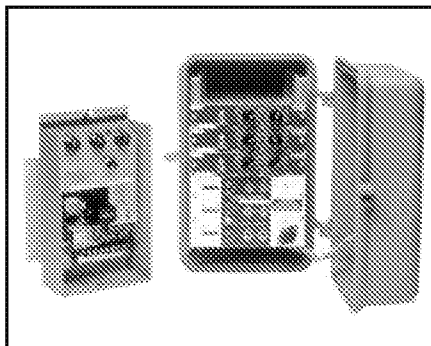
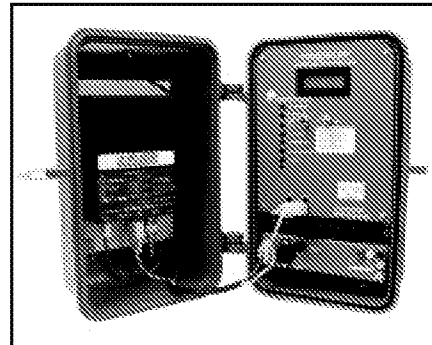


FISHER PIERCE AUTOCAP 4400

Microprocessor based control featuring Adaptive functions which can allow the unit to program itself. Programmable control modes include Var, current, voltage, time and temperature, as well as override and protective functions. Windows based application software is included.

FISHER PIERCE AUTOCAP 4500

Microprocessor based control including all features of the Series 4400 with data radios for two-way communications. A dedicated communications microprocessor and flash memory allow the use of data radios cellular, and modem communication technologies. The result is a powerful tool for discrete feeder management, data gathering, trouble shooting, system evaluation analysis.



FISHER PIERCE TWO & THREE STEP

Multi-step controllers are intended for use with multiple capacitor racks found in substation applications. The controls can be purchased in Var, voltage, or line current configurations. The control operates the first step which activates the following steps after a fixed time delay. Proper sequencing on capacitors is ensured.



4000 E. 116th St.
Cleveland, OH 44105
Ph (216) 271-6600
Fax (216) 341-3615
www.joslynhivoltage.com
Email: info@joslynhv.com



1560 55th Ave.
Lachine, Quebec, H8T 3J5
Canada
Phone: (514) 631-6145
Fax: (514) 631-1215