

VERSAVAC™

Three-Phase Capacitor Switch



Now Available
with DC Control in
Polymer or
Porcelain Housing!

15 kV - 38 kV

**Longest Life of ANY Distribution Capacitor Switch
with 50,000 Maintenance-Free Operations!**

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 and shock. VerSaVac has been field proven for over 35 years.

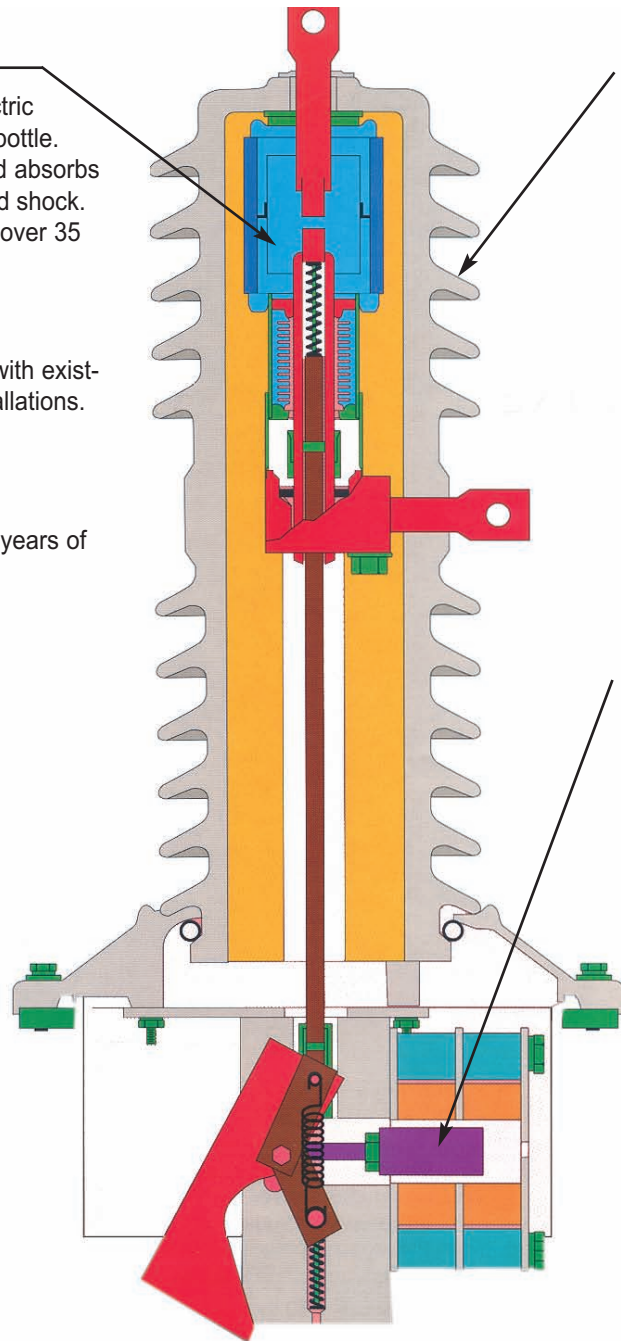
COMPATIBILITY

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

RELIABILITY

Proven design with over 150,000 worldwide installations and over 20 years of operational experience.

EXCEEDS ELECTRICAL REQUIREMENTS OF ANSI C37.66

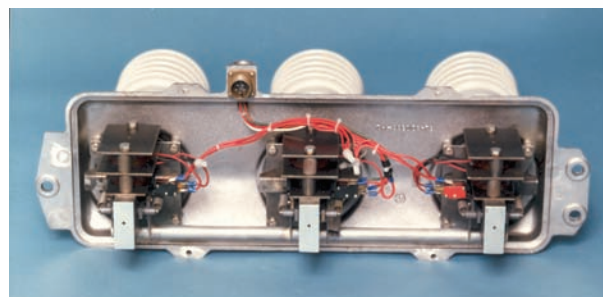


PORCELAIN OR POLYMER HOUSING

LONG LIFE SOLENOID MECHANISM

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

MANUAL OPERATING HANDLE FOR OPEN & CLOSE



*See I 750-272 Three Phase VerSaVac Installation and Operating Procedure for complete details

Ratings

Exceeds Electrical Requirements of ANSI C37.66

Continuous Current: 200 Amperes
 Shorttime Current: 6 kA (1/2 sec), 4.5kA (1 sec)
 Asymmetrical Momentary/Making Current: 9 kA Asymmetrical RMS/23 kA Peak
 Peak Inrush Current Limit for Parallel
 or Back-to-Back Switching Applications: 6 kA
 Control Voltages: 120 VAC, 240 VAC *(see accessories)
 Minimum Operating Voltage: 80 VAC, 160 VAC
 Recommended Control Pulse Time: 100ms
 Auxiliary Contact Rating: 15 A @ 120 VAC, 0.5 A @ 125 VDC
 Creepage Distance: 95 kV BIL - 12 5/8" (321 mm)
 125 kV BIL - 17 3/16" (437 mm)
 150 kV BIL - 19 7/16" (494 mm)
Note: 150kV Line-to-ground BIL available in all models.
 Extra creepage insulation available.

Ordering Information

GROUNDING SYSTEMS

Max System Voltage (kV)	Line-to-ground/ Open -gap BIL	Auxiliary Contacts	No. of Pins in Connector	Power Frequency AC Withstand Dry/Wet kV (RMS)	Control Voltage	Part Number Porcelain	Part Number Polymer
15.5	95/95	1 (B)	5	35/30	120VAC	3148X0654G1	Consult Factory
15.5	95/95	1 (B)	5	35/30	240VAC	3148X0654G2	Consult Factory
15.5	95/95	2 (1A 1B)	6	35/30	120VAC	3148X0654G3	Consult Factory
15.5	95/95	2 (1A 1B)	6	35/30	240VAC	3148X0654G4	Consult Factory
15.5	125/95	1 (B)	5	35/30	120VAC	3148X0654G5	Consult Factory
15.5	125/95	1 (B)	5	35/30	240VAC	3148X0654G6	Consult Factory
15.5	125/95	2 (1A 1B)	6	35/30	120VAC	3148X0654G7	Consult Factory
15.5	125/95	2 (1A 1B)	6	35/30	240VAC	3148X0654G8	Consult Factory
27.5	95/95	1 (B)	5	60/50	120VAC	3148X0654G1	Consult Factory
27.5	95/95	1 (B)	5	60/50	240VAC	3148X0654G2	Consult Factory
27.5	95/95	2 (1A 1B)	6	60/50	120VAC	3148X0654G3	Consult Factory
27.5	95/95	2 (1A 1B)	6	60/50	240VAC	3148X0654G4	Consult Factory
27.5	125/95	1 (B)	5	60/50	120VAC	3148X0654G5	Consult Factory
27.5	125/95	1 (B)	5	60/50	240VAC	3148X0654G6	Consult Factory
27.5	125/95	2 (1A 1B)	6	60/50	120VAC	3148X0654G7	Consult Factory
27.5	125/95	2 (1A 1B)	6	60/50	240VAC	3148X0654G8	Consult Factory
38.0	125/125	1 (B)	5	70/60	120VAC	3148X1150G1	Consult Factory
38.0	150/125	1 (B)	5	70/60	120VAC	3148X1150G2	Consult Factory
38.0	150/125	1 (B)	5	70/60	240VAC	3148X1150G3	Consult Factory

UNGROUNDING SYSTEMS

Max System Voltage (kV)	Line-to-ground/ Open -gap BIL	Auxiliary Contacts	No. of Pins in Connector	Power Frequency AC Withstand Dry/Wet kV (RMS)	Control Voltage	Part Number Porcelain	Part Number Polymer
15.5	95/95	1 (B)	5	35/30	120VAC	3148X0654G1	Consult Factory
15.5	95/95	1 (B)	5	35/30	240VAC	3148X0654G2	Consult Factory
15.5	95/95	2 (1A 1B)	6	35/30	120VAC	3148X0654G3	Consult Factory
15.5	95/95	2 (1A 1B)	6	35/30	240VAC	3148X0654G4	Consult Factory
15.5	125/95	1 (B)	5	35/30	120VAC	3148X0654G5	Consult Factory
15.5	125/95	1 (B)	5	35/30	240VAC	3148X0654G6	Consult Factory
15.5	125/95	2 (1A 1B)	6	35/30	120VAC	3148X0654G7	Consult Factory
15.5	125/95	2 (1A 1B)	6	35/30	240VAC	3148X0654G8	Consult Factory
27.5	125/125	1 (B)	5	60/50	120VAC	3148X1150G1	Consult Factory
27.5	150/125	1 (B)	5	60/50	120VAC	3148X1150G2	Consult Factory
27.5	150/125	1 (B)	5	60/50	240VAC	3148X1150G3	Consult Factory

Accessories

Junction Boxes, Cable Assemblies, Current Sensors, Mating Connectors, Animal Protectors
 Under Voltage Trip Control, 125 DC Control Interface

Capacitor Controls

AUTOCAP™ AC100

The AC100 is a programmable capacitor control with voltage, time, and temperature control with an override function. The light weight, low profile enclosure has an integral meter base. The front panel is easy to operate and setup.



FISHER PIERCE® AUTOCAP™ 4400 NOW AVAILABLE WITH SMARTLINK™ 4000

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. SmartLink 4000 adds reliable, cost effective 2-way communications and provides automatic alarm or status reporting sent via email, pager, or text message.

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 and system evaluation analysis.



FISHER PIERCE SERIES 2695D

The Fisher Pierce Series 2695D microprocessor based Digital VHF radio capacitor switch is designed for one-way control of distribution switch-type capacitor banks. The 2695D is available in magnetically latching or momentary pulsed output relay types. The switch can be operated from existing radio based capacitor control systems or from the Fisher Pierce 2635 code generator.



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