

Joslyn Clark is recognized as the premier supplier of vacuum contactors by the leading switchgear and Variable Frequency Drive manufacturers.

The 12kV 630 Amp Vacuum Contactor provides long service life and a wide voltage range to effectively control high voltage motors, transformers and reactive compensation capacitors, and other heavy duty equipment.

The 12kV Series features an anti-surge impulse for single or back-to-back capacitor switching for improved operation.

This series delivers the reliability and the ruggedness needed for demanding industries, including metallurgy, mining, electrical, petro-chemical, and ports.

Designed to Standards  
IEC 60470 | GB/T 14808 | GB 11022



## Features

- High Current Capacity
- 3-Phase synchronization  $\leq 2\text{ms}$
- Long product life
- Mechanically latched, electrically held



# SPECIAL PURPOSE VACUUM CONTACTOR

## SVC Series

Joslyn Clark

### Specifications

Catalog Numbers	SVC77U034A120-**	SVC77U036120-**
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Coil Voltages

Suffix	Coil Voltage
-11	110VAC 50/60Hz
-22	220VAC 50/60Hz
-110	110VDC

Power Ratings Enclosed		
Rated Insulating & Operating Voltage	12,000V	
Rated Operational Current	400A	630A
Rated Frequency	50-60Hz	
Making Current	4,000V	6,300V
Breaking Current	3,200V	5,040V
Dielectric Strength / B.I.L.	4,200V (1 minute per interrupter)	
Short Time Withstand Current (4s)	4,000A	6,300A
Single Capacitor Switching Capacity	3,500 KVAR	
Impulse Withstand Voltage Uimp	75,000V	
Mechanical Life - No Load	1,000,000 cycles	
Electrical Life at Rated Current (AC3 Duty)	250,000 cycles	
Switching Frequency	300 cycles per hour	
Operating Range at Rated Voltage	+10% -20%	
Average Opening Time	≤80ms	
Average Closing Time	≤80ms	
Average Drop-out at Rated Voltage	≤50%	
3-Phase Synchronization	≤2ms	
Contact Bouncing Time	≤2ms	

Application Ratings	
Altitude	Up to 6,500 ft. (1,981 m)
Operating Temperature Range	5°F (-15°C) +104°F (40°C)
Relative Humidity	90% (at 77°F)
Weight	67 lbs. (30.39 kg)
Auxiliary Contacts	3 N.O. & 2 N.C. (standard); 4 N.O. & 4 N.C. (optional)

\*\* Coil Voltage

