



# Vacuum Contactors



# WHERE WE OPERATE

## Vacuum Contactor Applications



- Pumping
- Induction Heating
- Capacitor Switching
- Soft Starters

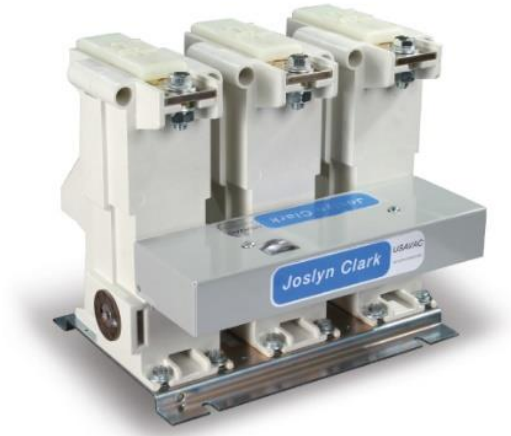


- HVAC
- Panel Builders
- Transfer Switches
- Crane Control



- Conveyors
- ESP Switchboards
- Hazardous area equipment

# MVC SERIES



- Dual positioned load terminals allow flexibility for customer integration and design.
- A visual wear indicator allows for easy identification of remaining contactor life and maintenance planning.
- Mechanically latched versions available to ensure drop out will not occur in the event control power is lost.
- Also available in a 600V/700A configuration which is the only offering in the market at those specifications.



- MVC Series: <https://www.specialtyproducttechnologies.com/joslyn-clark/products/vacuum-contactors-starters/mvc-series-medium-voltage-vacuum-contactor>

## SERIES SPECIFICATIONS

Up to 7.2kV operating voltage

800 - 8,000 HP motor ratings  
(2.5kV – 6.6kV)

20kV (1 min) dielectric strength  
60kV BIL Rating

0.9A max chopping current

750K cycle mechanical life  
250K – 600K cycle electrical life

# VC SERIES



- Smallest 3.6kV vacuum contactor in the market boasting up to a 7 inch smaller footprint than competitors.
- Industry standard for material handling equipment in the mining industry due to performance in extreme conditions.
- Dual coil voltage configuration allows for either 120VAC or 240VAC setups within the same contactor.
- Mechanically interlocked assemblies available for forward and reverse motor applications. This eliminates secondary assembly work for customers.



- VC Series: <https://www.specialtyproducttechnologies.com/joslyn-clark/products/vacuum-contactors-starters/vc-series-low-voltage-vacuum-contactor>

## SERIES SPECIFICATIONS

Up to 3.6kV operating voltage

60 - 3,175HP motor ratings  
(230V to 3.3kV)

18kV (1 min/) dielectric strength  
45kV BIL Rating

0.9A max chopping current

2M cycle mechanical life  
1M cycle electrical life

# CV SERIES



- Same compact contactor and control module design used across three NEMA sizes for easy standardization.
- Features a simplified DC magnet system with range-rated, economizing coils for safe and improved reliability
- Starter assemblies available with thermal overload protection for upstream device protection.
- Electronic Auxiliary contacts eliminate bounce and false contacts which are common with mechanical switches.



• CV Series: <https://www.specialtyproducttechnologies.com/joslyn-clark/products/vacuum-contactors-starters/cv-series-compact-vacuum-contactor>

## SERIES SPECIFICATIONS

Up to 600A operating current

Up to 1.5kV operating voltage

40 - 1,500 HP motor rating (200 - 1.5kV)

6kV (1 min/interrupter) dielectric strength

0.9A max chopping current

750K – 1.2M cycle mechanical life  
500K – 2M cycle electrical life

# 1140 SERIES



- Designed to CSA22.2 and UL 508 standards.
- The rugged, fully enclosed design allows reliable power switching and motor-starting by secluding the environmental elements.
- Dead sides without obstructions allow side-by-side mounting, which is critical in reducing enclosure sizes or installing in compact areas.
- Terminal phase barriers provide voltage isolation without additional insulators/space separation eliminating additional sourced parts.
- A visual wear indicator allows for easy identification of replacement. This reduces downtime and shortens maintenance time.
- Detachable terminal strip allows for easy and quick customer integration.



- 1140 Series: <https://www.specialtyproducttechnologies.com/joslyn-clark/products/vacuum-contactors-starters/1140-series-heavy-duty-vacuum-contactor>

## SERIES SPECIFICATIONS

Up to 300A operating current

Up to 1.14kV operating voltage

100 - 500 HP motor ratings  
(200 to 1,140V)

6kV (1 min/interrupter)  
dielectric strength (BIL)

0.9A max chopping current

1.2M cycle mechanical life  
1M cycle electrical life