VACUUM CONTACTOR & STARTER FAMILY
WWW.JOSLYNCLARK.COM
The Joslyn Clark USAVAC medium voltage vacuum contactors are ideal for applications for 2300V to 7200V. Current ratings of 200, 400, and 600 Ampere, and motor ratings up to 7000 Hp at 6600V are available.

- 7200V, 600 Ampere, 3 phase vacuum contactor with In-Line Power Terminals

- 400 Ampere, 3 phase vacuum contactor with alternative line terminal position enabling line and load termination to be on same side of contactor. Ideal for dropout starter designs. Can be easily converted.

The Joslyn Clark USAVAC medium voltage vacuum contactors and starters offer many unique features to create easy maintenance, dependability and versatility. NEMA type E2 starters are available in Type 1, 3R and 12 enclosures. The modular design allows for a simplified assembly and easy inspection, utilizing minimum parts.

The control module contains the coil and 2 N.O. and 2 N.C. auxiliary contacts. It is easily removed for inspection or replacement. A factory set half shell phase assembly and replacement control module are the only replacement parts.

The Joslyn Clark family of low and medium voltage vacuum contactors and starters are available in combination and non-combination enclosures. Controllers are available for across the line, reduced voltage, reversing, and non-reversing arrangements. Enclosures are available in Types 1, 3R, 4 and 12.
**ENGINEERING DATA**

### Vacuum Contactor & Starter Ratings

**Standard - NEMA ICS 2-32A, UL 347, CSA 22.2, IEC 470, BS 775**

#### Technical Specifications

- **CSA 5KV. 400A**
- **UL Recognized 5KV 500A 7.2KV 400A**

#### Power Application Ratings

- **2.5KV**
- **3.3KV**
- **4.16KV**
- **6.6KV**

#### Control Ratings AC&DC

- **Rated Control Voltage**: 120/240V 50/60Hz AC or 125/250V DC
- **Allowable Fluctuation**: +10-15% / -10-20%
- **Closing Power VA/Duration**: 650VA/45MS, 1300VA/45MS
- **Holding Power**: 7VA AC, 0.47A DC, 14VA AC, 0.924A DC
- **Opening Time Ave.**: 90 MS at 60Hz
- **Closing Time Ave.**: 40 MS at 60 Hz
- **Pick up Voltage Min.**: 102V or less
- **Drop out Voltage Ave.**: 70% or less
- **Recommended Control Trans. (AC Only)**: 300VA, 600VA

#### Application Conditions

- **Standard Current**: Continuous AC/DC 10A/3A
- **Contact Ratings**: DC, Make/Break 125/250V 183VA, 300/600V 183VA
- **Auxiliary Contact Voltage**: 600V Max. - 48V Min. NEMA A600 (AC), G300 (DC)
- **Relay Ratings**: AC, Make/Break 7200VA/720VA

#### Weight

- 48 lbs.
- 96 lbs.

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**Accessories & Options:**

1. 2, 4 & 5 Pole contactors, consult factory.
2. Mechanically interlocked contactors available.
3. Medium voltage starters available in non-drawout designs in NEMA 12 & 3 enclosures, consult factory.
4. Terminal Lug Kits available.