

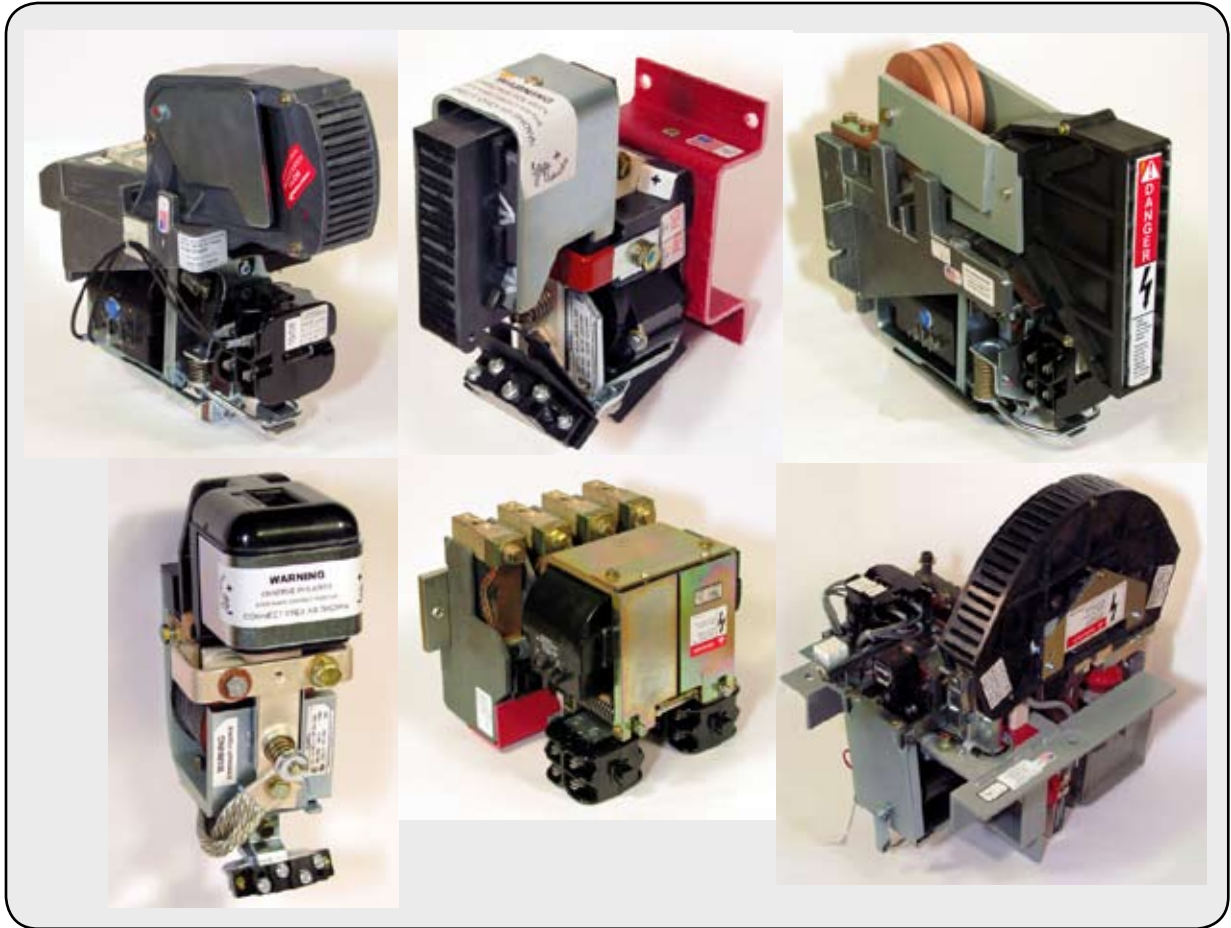


hubbell industrial controls, inc.

100D

October 2008

DC DEVICES





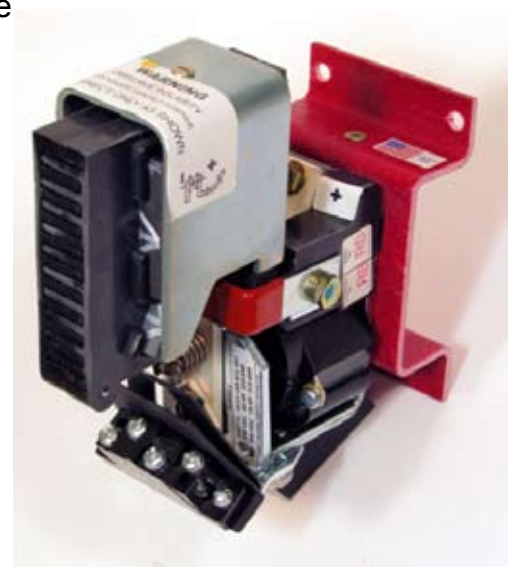
Hubbell Industrial Controls - DC Contactors

Formerly produced by Siemens-Canada, these rugged, high performance DC Devices are now manufactured in our Archdale, NC facility. They are in great demand by industries needing reliable solid-state adjustable speed drives, uninterruptible power supplies, fuel cells, crane controls, transit and rail vehicles, gas and oil well drilling equipment, mining machinery, and more. Hubbell-ICD has a DC device ideal for a wide range of applications. And if it's from us, you know you're getting amazingly reliable technology. Hubbell-ICD stands by these designs, which have been proven over 25 years in mining, rail and drilling industries.

Type 720 Series - 200A 600V DC Rating

Rugged and reliable, this industrial quality device is used in applications such as gas/oil drilling and solid state adjustable speed drives, uninterruptible power supplies, fuel cells, crane controls, transit and rail, and mining machinery. It is rated at 200 Ampere, continuous at 600 VDC in still air (special voltages available - consult ICD) and can achieve a maximum interruption rating of 600 kW.

- UL recognized/CSA certified
- NEMA Size 4 ½
- Polarized arc chutes - standard or high capacity
- Main Contact Options: SPNO, SPDT, and Series Field Reversal
- 5 Million mechanical operations
- Front access for serviceability
- Silver alloy main contact tips
- AC or DC operation
- High dielectric and mechanical strength
- Special ratings available - Consult ICD



Type 264 Series - 400A 600V DC Rating

Part of a family of rugged, industrial quality, definite-purpose units, the Type 264 is ideal for use with solid-state adjustable speed drives, uninterruptible power supplies, fuel cells, crane controls and mining machinery.

- UL recognized/CSA certified
- Permanent magnet (polarized) arc chutes
- Main Contact Options: SPNO, SPDT, and Series Field Reversal
- 2 Million mechanical operations
- Front access for serviceability
- Silver alloy main contact tips
- AC or DC operation

Type 700 Series - 1250A 1000V DC Rating



Ideal for regenerative and nonregenerative systems requiring limited interruption capacity, such as gas and oil well drilling equipment, transit and rail systems, adjustable speed drives, electric haul trucks, mining machinery, fuel cells, uninterruptible power supplies, and crane controls.

- UL recognized/CSA certified
- Non-polarized arc chute design
- Optional Over Current Hold-In
- Bifurcated main contacts
- Silver -plated current carrying-parts
- High dielectric and mechanical strength
- Special ratings available - Consult ICD

Type 716 Series - 1600A 1500V DC Rating

For regenerative and non-regenerative systems requiring limited interrupting capacity, the Type 716 is ideal. Applications include gas and oil well drilling equipment, transit and rail systems, adjustable speed drives, electric haul trucks, mining machinery, fuel cells, uninterruptible power supplies, and crane controls, A single pole, single throw normally open power contactor, it is rated at 1600 Ampere continuous duty at 1500 VDC in still air.

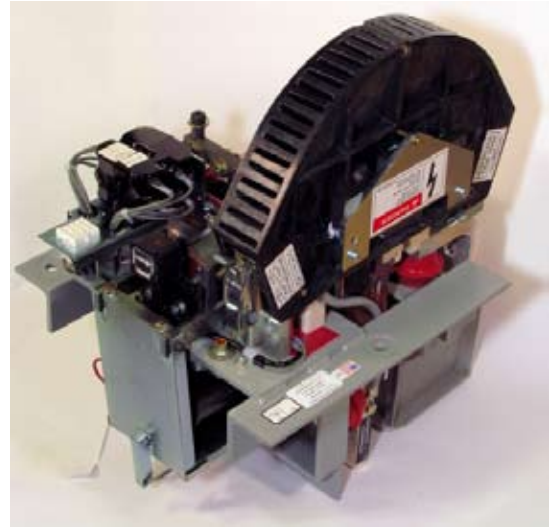
- Non-polarized arc chute (series blowout coil) designed as standard
- Optional polarized arc chute (permanent magnet type) design available - Consult ICD
- Silver alloy main contacts
- Arc chute safety interlock
- Trifurcated main contacts
- Silver-plated current-carrying parts
- High dielectric and mechanical strength



Type 703 Series - 5000A 1000V DC Rating

Ideal for use in systems requiring limited interruption capacity, such as adjustable speed drives, transit and rail, gas and oil well drilling equipment, fuel cells, and crane controls. When used to replace a circuit breaker in a high-current DC application better suited to a contactor, the Type 703 is valued for its smaller size, lower cost, and longer life. This single pole, single throw normally open power contactor is rated at 5000 Ampere continuous duty at 1000 VDC in still air, with a maximum interruption capacity of 4000 kW (within the limits of 5000 Ampere maximum and 1000 V maximum) and utilizing a polarized arc interruption system.

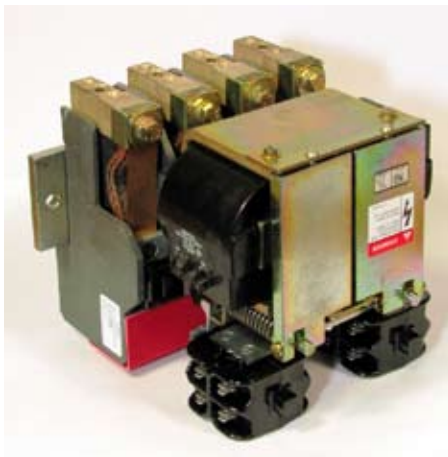
- Multiple-path silver alloy main contacts
- Arc chute safety interlock
- Silver-plated current-carrying connections
- Dual coil operation
- High dielectric and mechanical strength
- Permanent magnet (polarized arc chute)



Type 710 Series - 700A 1500V DC Rating Dual Two Pole Switch

Compact in size, the Type 710 is ideally suited for DC systems in such applications as gas and oil well drilling equipment, transit and rail, adjustable speed drives, electric haul trucks, mining machinery, fuel cells, and crane controls. Typically, it is used in conjunction with compatibility sized power contactors (such as Type 700 1250 Ampere 1000 VDC SPNO power contactor) for power circuit reversal. The Type 710 device is two double pole, single throw mechanically interlocked, non-interrupting switches in a single housing. Each switch is rated at 700 Ampere (special ratings available - consult ICD) continuous per pole in dead air and carries a 1500 VDC rating.

- Mechanically interlocked
- Silver-plated current-carrying connections
- Molded coils
- Silver alloy main contacts
- High dielectric and mechanical strength
- Special ratings available - Consult ICD



Hubbell Industrial Controls, Inc.

a subsidiary of Hubbell Incorporated
4301 Cheyenne Drive, Archdale, NC 27263
Telephone (336) 434-2800 · Fax (336) 434-2803
<http://www.hubbell-icd.com>
Sales@hubbell-icd.com