hubbell industrial controls, inc.

DC DEVICES

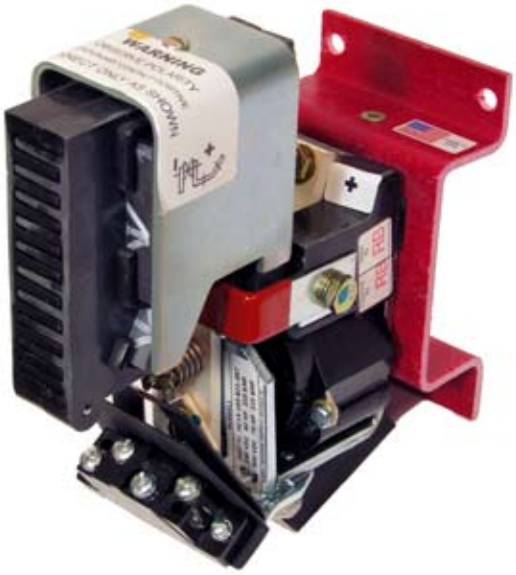
100D

February 2011

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 Contactor

- 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



Type 264 Series - 400A 600V DC Contactor

- 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

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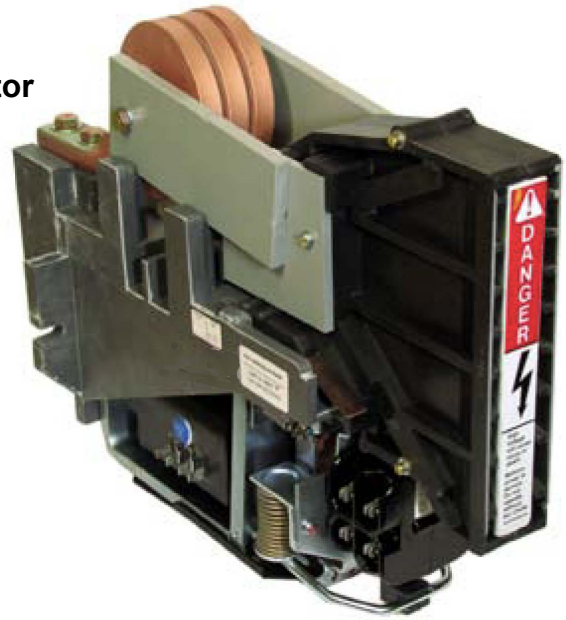
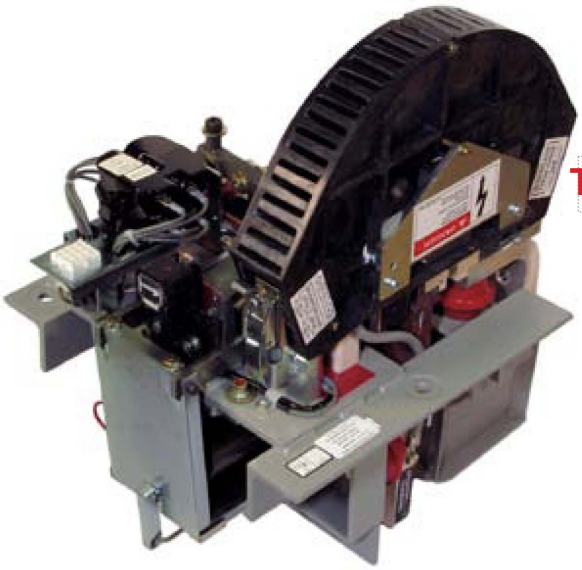
Type 700 Series - 1250A 1000V SPNO DC Contactor

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

Type 716 Series - 1600A 1500V SPNO DC Contactor

- 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

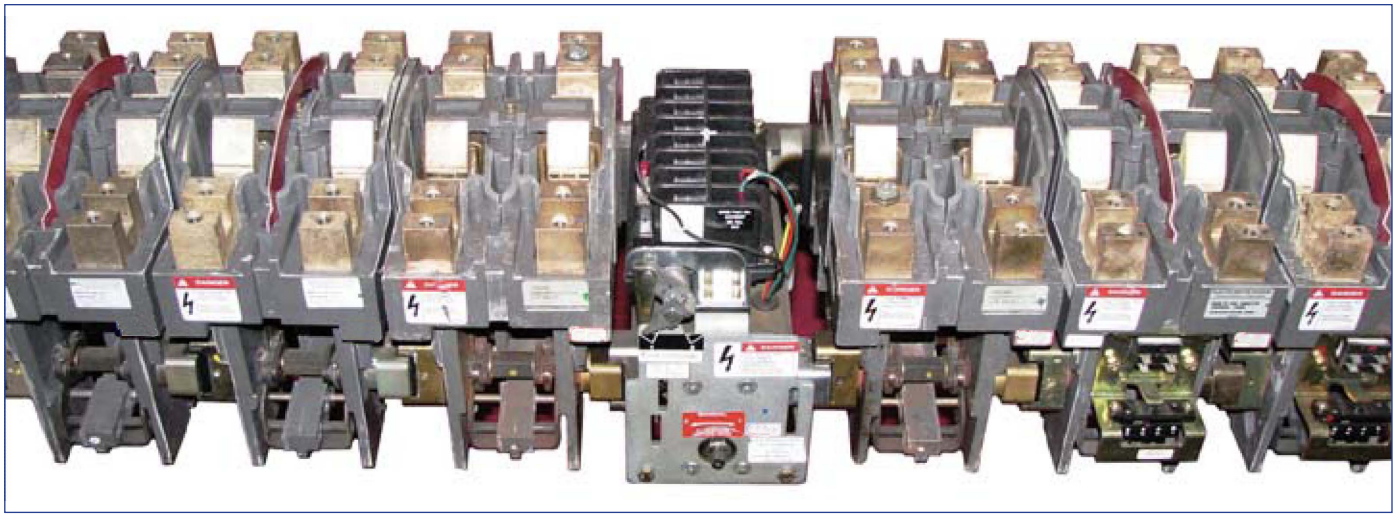




Type 703 Series - 5000A 1000V SPNO DC Contactor

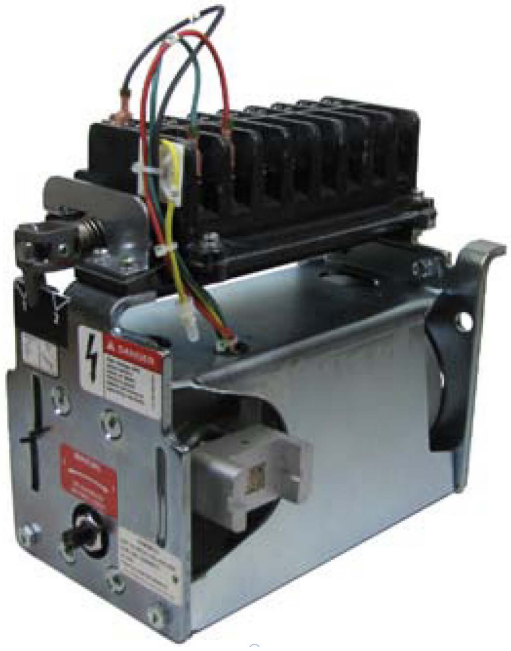
- Multiple-path silver alloy main contacts
- Arc chute safety interlock
- Silver-plated current-carrying connections
- Dual coil operation
- High dielectric and mechanical strength
- Permanent magnet (polarized arc chute)

The **1600 Amp, 1500 Volt DC Motor Operated Switch** is created by coupling up to six Type 712 Switch Modules to one Type 711 Motor Module. This combination is suitable for mounting on a common 3 inch channel.



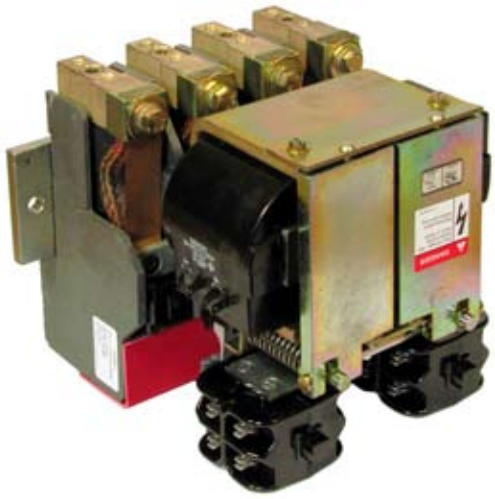
Type 712 Series Switch Module

- Two-Pole Double-Throw Non-interrupting Switch
- 1600 Amp 1500 VDC rating
- Motor Cut-Out (MCO) option
- Trifurcated main contacts
- Silver alloy main contacts
- Silver-plated current-carrying connections
- High dielectric and mechanical strength



Type 711 Series Motor Module

- Controls up to six Switch Modules at once
- Two second travel time
- Three N.O. and three N.C. auxiliary contacts
- 24, 74 or 125 VDC control voltage

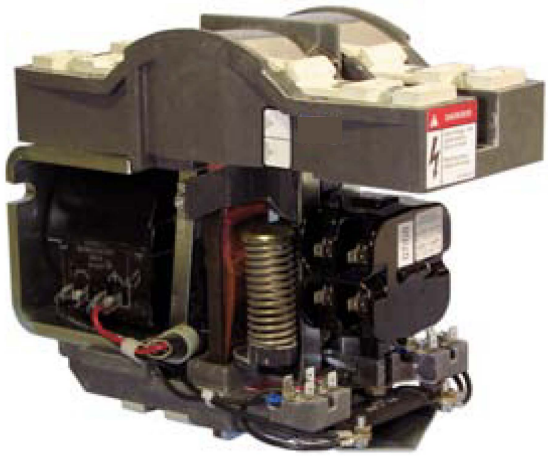


Type 710 Series - 700A 1500V DC Rating
Dual DPST Switch

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

Type 399A Series - 1000A 1000V DC Rating DPDT Switch

- Electrically controlled
- Non-interrupting
- Silver alloy main contacts
- Molded coil
- Silver-plated current-carrying connections
- High dielectric and mechanical strength
- Coil-Economizing circuit



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