

EAT•N

Cutler-Hammer

Motor Control Centers — 2100 & IT.

Capabilities

Product Offering

- Voltage rating: 600 V
- Bus bracing: 65, 100 kAIC
- Main incoming options:
 - Molded case circuit breaker (through 2500 A)
 - Magnum™ DS power circuit breaker (fixed and drawout through 3200 A)
- Main lugs (through 3200 A)
- Main fused switches (through 1200 A)
- Horizontal bus options: 800, 1200, 1600, 2000, 2500, 3200 A
- Vertical bus options: 300, 600, 800, 1200 A — fully rated
- Control units:
 - NEMA® starters (FVNR, FVR) through Size 7
 - 2-Speed, autotransformer, and wye-delta
 - Reduced voltage soft starters through 1000 A
 - Adjustable frequency drives through 1100 hp
- Enclosure ratings:
 - NEMA 1A, 3R (non walk-in, walk-in, aisle), 12
- Power integrity options:
 - Automatic transfer switches
 - Main-tie-main configurations
 - TVSS protection
 - Active harmonic correction
 - Power factor correction capacitors

- Distribution options:
 - MCCB (plug-in through 400 A)
 - Power circuit breakers (fixed and drawout)
 - Fused switches (through 1200 A)
 - Panelboards — single- and three-phase
 - Dry-type transformers — single- and three-phase
- Communication options:
 - DeviceNet™
 - Modbus® RTU
 - Modbus TCP/IP

Standards

- UL® 845 NEMA ICS 3 Part 1 and NEC® Section 430 Part H

Customer Value

- **Improved Uptime:** Quick ship capability for new and aftermarket from eight service centers. Wide range of TVSS protection available.
- **Improved Maintainability:** Strong support for vintage products more than 80 years worth of support. Draw-out power circuit breaker option.
- **Increased Reliability:** Self aligning stabs for solid connection to vertical bus. Main-tie-main configurations for incoming power.
- **Increased Safety:** Shutter mechanism that automatically closes over open vertical bus connections. 24 Vdc technology for control.

- **Reduced Installation Cost:** Smallest footprint for highest featured products (soft-starters, IT, EM starters, drives). 21-inch true back-to-back design.

Industry Applications

- Project/commercial construction
- Waste/water treatment
- Industrial: automotive, manufacturing, petrochemical, oil & gas, pulp & paper, pharmaceutical
- Institutional: universities, hospitals
- Utility: power generation



Services & Programs

MCC Service Centers

- Nine strategic locations throughout the country: One main plant and eight service centers
- Complete motor control centers can be built within weeks or days
- Aftermarket parts and units
- Application engineering support
- Lead-times to meet any delivery requirement
- Unmatched speed, flexibility, control power leadership and service



Main Plant

2900 Doc Bennett Road
Fayetteville, NC 28306
Phone: (910) 483-2222

Atlanta Service Center

320 Thornton Road
Suite 104
Lithia Springs, GA 30122
Phone: (770) 739-6282

Chicago Service Center

90 E Rawls
Des Plaines, IL 60018
Phone: (847) 299-1911

Denver Service Center

14600 E 35th Place
Unit G
Aurora, CO 80011
Phone: (303) 373-2133

Hartford Service Center

35A International Drive
Windsor, CT 06095
Phone: (860) 683-4221

Houston Service Center

10810 W Little York Road
Houston, TX 77041
Phone: (713) 939-9696

Los Angeles Service Center

12760 E Florence Ave
Santa Fe Springs, CA 90670
Phone: (562) 944-6413

Portland Service Center

6024 SW Jean Rd
Bldg C-8
Lake Oswego, OR 97035
Phone: (503) 636-8333

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