

Aftermarket solutions

Solutions for legacy Westinghouse®
and Cutler-Hammer® series branded
motor control centers

Vintage motor control center solutions



EATON

Powering Business Worldwide

Vintage motor control center

Don't be misled. Install Eaton's genuine aftermarket units... not counterfeit, unauthorized imitations.

MCC history

Nearly 70 years ago, Westinghouse and Cutler-Hammer series branded low voltage motor control center (MCC) assemblies were introduced to the marketplace. This innovation provided for the first integrated assembly of distribution equipment and control products into a single lineup. This product enables the group mounting of low voltage (600 V class) electrical controls, and allows for safe supervision and operation of motor starter units, feeder breakers and metering equipment in a flexible structure arrangement at a centralized location.

Eaton has maintained an industry-leading position in MCC technology through both its Cutler-Hammer series products and the acquisition of the Westinghouse Distribution and Control Business Unit (DCBU) in 1994. Eaton continues to support every motor control center ever produced by Westinghouse and Cutler-Hammer dating back to the 1930s. We take great pride in our aftermarket products and continue to invest in upgrading the technology and maintaining the quality and reliability of these products to ensure best-in-class performance for our installed base of customers.

A growing trend

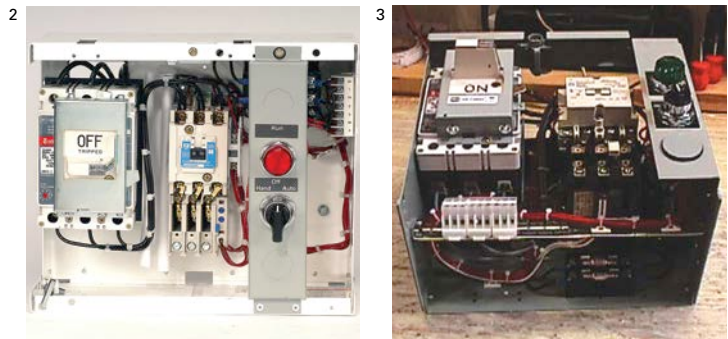
Over the years, a growing trend has surfaced among unauthorized manufacturers and distributors, where traditional, high-quality manufacturing processes are circumvented for less rigorous materials and methods to produce cheaper products that are often passed off as authentic, brand name equipment. This practice of providing non-genuine products is known as counterfeiting. Another method of counterfeiting is being practiced by a number of companies offering to sell motor control center aftermarket units represented as Eaton products. They often use salvaged, re-conditioned and out-of-date components in the unit assembly. These products not only flood the market with dangerous equipment that is not approved for use by Underwriters Laboratories® (UL®), they also negate any warranty by the original manufacturer on equipment that they are connected to or installed in.



1. UL 845 Type W structure

New UL 845 structures can be built to expand existing vintage MCCs. Add-on structures are an easy way to extend an existing MCC's capability.

solutions



Who supplies your products?

Are you certain that the motor control center and internal components you purchased are new and genuine from the factory? When you choose Eaton products, you can be certain that we have taken lengthy measures to ensure the integrity of the motor control center aftermarket unit you have purchased. The companies that provide non-genuine products operate independently from Eaton and our distributor network. They are neither recognized nor authorized to produce our MCC aftermarket products. With the presence of unauthorized products in the market, it is important that end-users understand the features that differentiate new and genuine products.



- 2. UL 845 Type W unit**
Eaton's Cutler-Hammer series unit with brand new unit wrapper and all new, all genuine components.
- 3. Indication of unauthorized unit**
Unauthorized unit for an existing Type W MCC with re-conditioned unit wrapper, out-of-date components, unpainted steel, and a mix of THHN and SIS control wiring.
- 4. UL 845 stab assembly**
Eaton's Cutler-Hammer series unit from rear of an existing 1995 vintage Freedom™ MCC with epoxy powder paint and new bus stab assembly and contacts.
- 5. Indication of unauthorized unit**
Unauthorized Type W unit from rear (note wear on used bus stab assembly and overspray of aerosol paint on used unit wrapper).
- 6. UL 845 unitrol unit**
Eaton's new Cutler-Hammer series unit for an existing 1956 vintage Unitrol 9800 MCC provided with new unit wrapper, door, gasketing, current components and wiring.
- 7. Indication of unauthorized unit**
Unauthorized unit door for an existing Freedom MCC (note gaps in old gasketing around handle mechanism and device plate openings).
- 8. UL 845 11-300 unit**
Eaton's new Cutler-Hammer series unit for an existing 1935 vintage 11-300 MCC provided with technology upgrade to current product offering of HMCPE disconnect, **IT** starter and power supply.
- 9. Indication of unauthorized unit**
Close-up photo of contactor provided in unauthorized Type W unit. Contactor is used, has out-of-date logo and a manufacture date code of Feb. 24, 1997.

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Anti-counterfeiting features

Eaton's MCC aftermarket units have many features to ensure customers that the product is new and genuine from the factory. Included are factory seals, inspection stickers, date codes and high-quality labeling. These small, yet powerful, measures help distributors, contractors and end-users know that the product is new and genuine.

- UL 845 label for motor control centers
- Assembly inspection sticker initialed by the operator
- Test inspection sticker initialed by the tester to verify that unit has been functionally tested
- Unit label provides the service voltage, control voltage, short-circuit rating, general order number and type of starter
- Proper labeling ensures product is new and genuine. Customers should be suspicious of any MCC aftermarket unit that has no labeling or labeling that has unclear lettering, logos or paint splatter

Cheaper isn't always better

One of the inarguable benefits of choosing a reputedly manufactured product is being able to take advantage of the manufacturer's warranty should something go wrong with the equipment. It is important to know that by installing a non-authentic product into an existing MCC structure, you have forfeited all warranty claims on the entire structure. Directly purchasing products through authorized Eaton distributors ensures that you will receive genuine and new Eaton products with all applicable standards, including UL 845, manufacturers' warranties and support.

Eaton will not be responsible for liabilities arising from the use of non-genuine products. To ensure safety and system performance, and avoid costly downtime, make the right choice. Buy genuine Eaton motor control center buckets from an authorized Eaton distributor. With so much at risk, why take chances?

UL 845

UL 845 provides requirements that cover motor control centers intended to be employed in accordance with the National Electrical Code,[®] NFPA[®] 70. Only components that specifically meet the UL 845 requirements can be considered for official use in motor control centers. Don't be misled by claims of UL listings by unauthorized manufacturers. They often misrepresent a UL 508 or 508A listing as applicable to motor control centers. UL 508 and 508A do not require the extensive testing for short-circuit and heat rise that is included in the UL 845 listing. UL 508 and 508A are mutually exclusive from a UL 845 product. A product conforming to UL 508/508A can not be used in a UL 845 application. Specify UL 845 as a requirement in your next RFQ to ensure that you are getting new and genuine Eaton MCC units.



10. UL 845 proof

Eaton's Cutler-Hammer series unit with UL 845 label for motor control centers, assembly inspection sticker, test inspection sticker and unit label (providing service voltage, control voltage, short-circuit rating, general order number and type of starter).

11. Unauthorized proof

Unauthorized unit for existing Freedom MCC provided with no labels for UL, testing or identification on the inside of the unit wrapper. UL 508 label does not provide coverage for UL 845.

Unique identifiers denote the source, origin and quality of motor control centers and internal components from Eaton.

Aftermarket support

Eaton provides UL® 845–approved aftermarket units, support and components for the following motor control centers:

UL 845 Eaton MCC Aftermarket Units

Name Brand	MCC	Years Manufactured
Westinghouse	11-300	1935 to 1965
Cutler-Hammer®	9800 Unitrol	1956 to 1974
ITE®	5600 Series	1957 to 1976
Gould®	5600 Series	1957 to 1976
Telemecanique®	5600 Series	1957 to 1976
Westinghouse	Type W	1965 to 1975
Moeller	200, 3000, MODAN 3000	1967 to present
Allen-Bradley®	Centerline	1971 to present
Cutler-Hammer	F10 Unitrol	1972 to 1989
Westinghouse	5 Star	1975 to 1986
General Electric® (GE)	7700/8010	1975 to present
Furnas® 89	Series 89	1979 to 2001
Westinghouse	2100 Series ❶	1986 to 1995
Cutler-Hammer	Freedom Unitrol	1989 to 1994
Westinghouse	Advantage™ ❶	1991 to 2012
Square D®	Model 5 and 6	1992 to present
Eaton	Freedom 2100 ❶	1995 to present
Eaton	IT MCC	2002 to 2012
Eaton	IT FlashGard™	2006 to 2012
Eaton	Freedom FlashGard	2006 to present

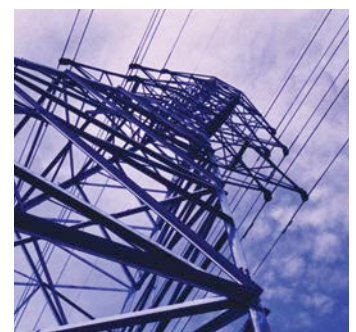
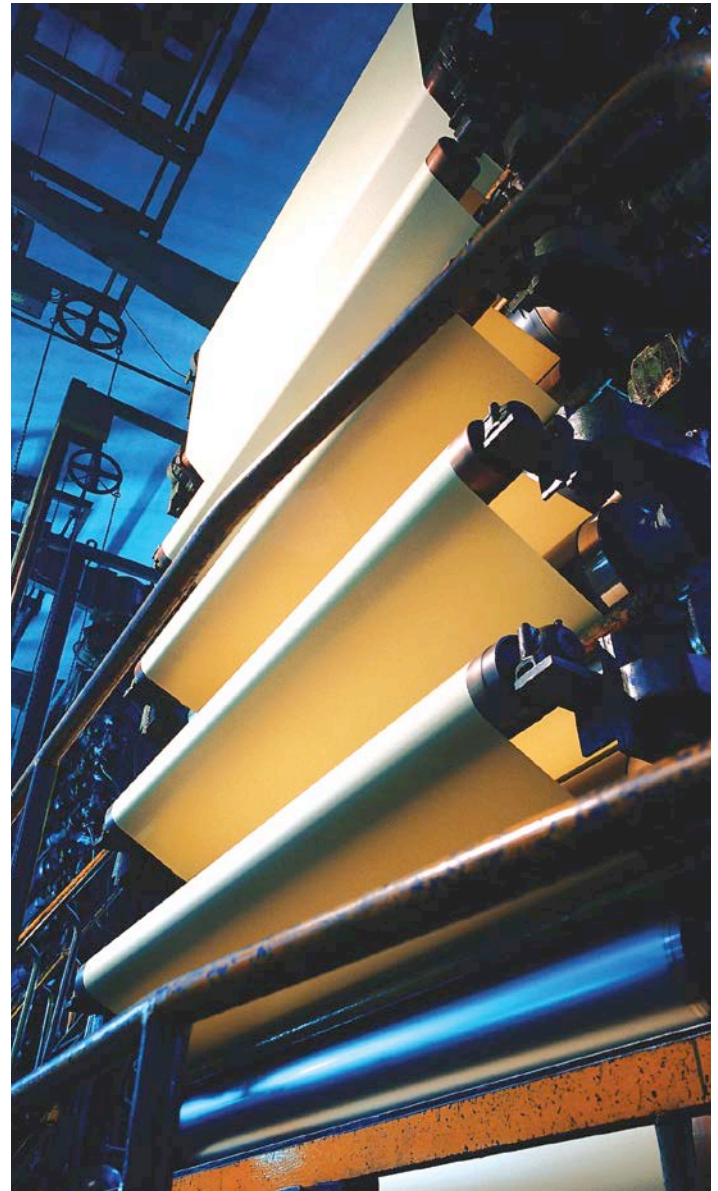
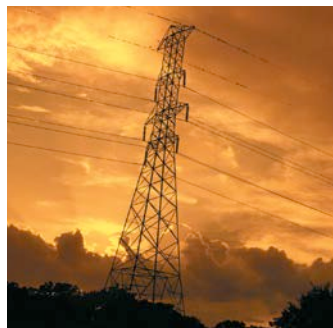
❶ FlashGard replacement units are available.

Nine regional manufacturing locations



Manufacturing locations

Atlanta, GA 678-309-4270
 Chicago, IL 630-260-6304
 Cleveland, OH 216-433-0616
 Dallas, TX 817-251-6797
 Denver, CO 303-366-9949
 Fayetteville, NC 1-800-OLD-UNIT
 Hartford, CT 860-683-4221
 Houston, TX 713-939-9696
 Los Angeles, CA 562-944-6413



Eaton is dedicated to ensuring that reliable, efficient and safe power is available when it's needed most. With unparalleled knowledge of electrical power management across industries, experts at Eaton deliver customized, integrated solutions to solve our customers' most critical challenges.

Our focus is on delivering the right solution for the application. But, decision makers demand more than just innovative products. They turn to Eaton for an unwavering commitment to personal support that makes customer success a top priority. For more information, **visit www.eaton.com/electrical**.

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