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Continuous Support for the Installed Base

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Welcome

Welcome to the latest edition of Eaton's *Electrical Aftermarket Products and Services* catalog (formerly *YES* catalog). In this fourth expanded edition you will find increased solutions to extend the life, modernize and upgrade your installed base of electrical distribution and industrial control equipment.

Logo History

The installed base of Westinghouse and Cutler-Hammer® distribution and control equipment can be found everywhere. Whether in an industrial facility such as paper, chemical, pharmaceutical, auto, steel, or commercial installations including universities, hospitals, airports and just about any type of government building; you will find equipment that was manufactured by Westinghouse and Eaton's electrical business.

In some situations due to the age of the equipment, the original nameplate information may be difficult to obtain. This is why the logo history is provided. If all else fails, the logo on the front of the equipment will help you identify when it was manufactured. Knowing this, and the type of product, you can refer to the applicable section of the catalog to find the solutions available to support it.

Eaton

Eaton is backed by 200 years of history and experience. This experience has resulted in many innovations in distribution and industrial control products . . . each incorporating leading-edge technology to provide the highest value to our customers. This same technology and engineering expertise is applied to solutions to upgrade existing installed older equipment.

Our engineers and scientists are recognized throughout the industry and around the world as experts in a wide range of disciplines including: photoelectric optical technology, arc interruption, vacuum technology, digital and analog electronics, and communications technology.

EATON | Cutler-Hammer

2002 – Present

1994 – 2002

1960 – 1994

1980 – 1994

1953 – 1960

1960 – 1980

1940 – 1953

1933 – 1960

1922 – 1940

1914 – 1933

1910 – 1922

1900 – 1914

1900 – 1910

The Installed Base

The installed base of electrical distribution and control equipment is a product of the economic changes that have occurred over the last 15 or 20 years.

They could:

- Be operating beyond capacity.
- Have higher fault currents because of additions.
- Pose major safety issues.
- Cause increased unscheduled outages having a direct impact on productivity.

It has also been a witness to:

- Reductions in budgets and people resources.
- Increases in maintenance intervals.
- Decreases in support from the original manufacturer.

Where do you go for help?

One Source for All Your Aftermarket Needs

The *Electrical Aftermarket Products and Services* catalog is a reference tool to help you identify existing electrical distribution and control equipment and then provide a wide range of solutions available from Eaton to support it. Regardless of the vintage or the original manufacturer, we can provide solutions that will extend the useful life of your existing equipment.

What's New?

First of all, our catalog has a new name to reflect our membership in the family of electrical solutions catalogs — the *Electrical Aftermarket Products and Services* catalog replaces the former *YES (Your Electrical Solutions)* catalog. It continues to offer cutting-edge engineered life extension solutions — it just has a new look and a new name.

Additionally, as the number of available solutions has grown, so has the catalog. Incorporated in this latest edition are increased capabilities that have been introduced since the last printing in 2003. For example, in order to address ongoing safety concerns, Eaton has engineered the Arcflash Reduction Maintenance Switch™ and the Universal Remote Power Racking System. Also, there are new Cutler-Hammer product offerings in the area of Trip Unit Retrofit Kits, Low Voltage Power Breakers, and Medium Voltage Vacuum Replacement Breakers, just to name a few. With changes to the Molded Case Circuit Breaker product line, this catalog is simpler to use with an updated Replacement Breaker Cross-Reference section. Additionally, Automatic Transfer Switches and Power Factor Correction Capacitors are included in brand-new tabs in this edition.

Using the Catalog

You can find information in several ways. **The Table of Contents** in the front and the detailed **Alphabetical Product Index** in the back will refer you to the correct section. The capabilities overview in **Tab 2** highlights various capabilities, and provides the tab number where that capability is listed. Also included in this tab is a pictorial representation of a typical distribution system illustrating the various products and where they can be found.

Catalog Format

Each section of the catalog includes the following elements:

- Product Description.
- Product History.
- Product History Time Line.
- Replacement Capabilities.
- Technology Upgrades (where applicable).
- Further Information.
- Pricing Information.

Where relevant, Additional Information, Customer Required Information, General Information and Support Services are included.

What Does the Shaded Area Mean?

In some sections of the catalog, you will again see tables and text that have been shaded. The shaded areas indicate obsolete or discontinued product, and although the product is no longer manufactured, it is still shown for historical reference. In the Molded Case Circuit Breaker section (**Tab 3**) many of the tables have shaded areas. Although the product is no longer manufactured, cross-reference tables have been developed to provide alternative solutions using current manufactured molded case circuit breakers. The cross-reference tables begin on **Page 3-98** and are in alpha-numeric order, based on style or catalog number of the obsolete or discontinued product.

Eaton's Electrical Business on the World Wide Web

Our *Electrical Aftermarket Products and Services* catalog is designed to be your everyday, at-your-fingertips, at-a-glance reference for our wide range of products and services that support your installed base. But it's just the paper "tip" of the electronic "iceberg" of continuously updated information you can access, online, anytime.

http://www.EatonElectrical.com

Eaton Corporation

Eaton Corporation is a global diversified industrial manufacturer that is a leader in fluid power systems; electrical power quality, distribution and control; automotive engine air management and fuel economy; and intelligent systems for fuel economy and safety in trucks. Eaton has 59,000 employees and sells products to customers in more than 125 countries. For more information, visit **www.eaton.com**.

Cutler-Hammer is a federally registered trademark of Eaton Corporation.

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