

July 2008

Introduction

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Welcome

Welcome to the latest edition of the *Power Control Catalogue*. In this edition, you will find complete details on our extensive line of Power Control Products. Please be sure to browse the various sections to gain a sense of our overall capabilities, products and services. We created this catalogue to make it easy for you to do business with us.

Eaton's Electrical Group

Eaton's electrical group is one of the world's leading suppliers of electrical control products and power distribution equipment with yearly sales of over \$3.5 billion.

Control and automation equipment includes contactors and motor starters, variable speed drives, photoelectric and proximity sensors, PanelMate® video control panels, microprocessor-based control and protection devices, as well as pushbuttons and switches, all designed to enhance factory performance.

Power distribution equipment includes the most complete family of circuit breakers in the industry, ranging from miniature breakers rated from 120 volts up to world-class vacuum breakers rated to 38 kilovolts.

We have a complete line of low and medium voltage assemblies from substations, switchgear and panelboards to load-centres, transformers and safety switches. These products are used wherever there is a demand for electrical power in residences, high-rise apartment and office buildings, commercial sites, hospitals and factories.

This new catalogue shows the breadth of our Power Control product offerings. Also included are tabs dedicated to our engineering services operation, as well as educational programs. You may select with confidence from the products for commercial and industrial power control.

Our products are backed by 200 years of history. 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.

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 analogue electronics, communications technology, video control technology, and the application of power semiconductors.

A good catalogue accomplishes two goals.

First, it presents a comprehensive snapshot of the manufacturer's product lines and standard configurations at the date of publication — incorporating the most current and correct information and specifications available at that time, superseding any other prior literature or documentation.

Secondly, a good catalogue packages product information in a format that's intuitive, easy-to-use and practical for designers, specifiers, distributors, purchasers, operators and service personnel.

The *Power Control Catalogue 2008* is designed to do both — with more comprehensive, up-to-date, and "findable" product listings than ever before.

We recognize that, for many of our customers, "the catalogue IS the company." That's why we invited customers and users from every facet of the industry — architect engineers, power system consultants, distributors, plant managers, installation contractors and maintenance staff — to tell us how we could make the best, and most frequently used catalogue possible.

We listened. And we think it shows — in a definitive reference — offering both a concise overview of who we are and a reliable key to Cutler-Hammer® products, services and customer resources.

Consistent Product Data

Each product section contains an extensive outline of product information presented as closely as possible to the order in the following list.

Note: Not every product contains copy for all ten of the aspects.

- Photo of product
- Product Description
- Application Description
- Features, Benefits and Functions
- Standards and Certifications
- Options and Accessories
- Product Specifications
- Technical Data and Specifications
 - Supporting Tables, Graphs and Charts
- Product Selection
- Cross-Reference

Alphabetical Index

The catalogue contains a detailed alphabetical index for BOTH the Distribution Products and Control Products which allows you to search ALL products from the volume.

A

ac Contactors — see Contactors

ac Lighting Contactors

Electrically Held E-2 – E-7

Magnetically Latched E-17 – E-19

Mechanically Held E-8 – E-16

With a quick check of the Alphabetical Index it's easy to locate "ac Lighting Contactors" in Tab E.

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Parent Catalogue Number Index

For those looking for product information based on a Cutler-Hammer Catalogue Number, this index will help speed-up that process. While there are over 100,000 unique catalogue numbers, many are extensions or variables of a "Parent" Catalogue Number. About 5,000 Parent Numbers generate over 100,000 individual Product Catalogue Numbers by simply adding additional letters or numbers to the Parent Catalogue Number. In the Parent Catalogue Number Index you can quickly locate the Parent Catalogue Number, along with the associated tab number and page, where you can find specific product information.

You'll Find Descriptive Information and Points-of-Contact for Eaton Field and Online Services

More than just a comprehensive array of advanced products and engineered solutions, we "empower" our customers with ongoing support capabilities that help them capture superior value, reliability and performance from their power distribution and control equipment investment.

Engineering Services & Systems

From Project Assessment, Application Engineering and Systems Integration to Installation, Start-Up, Testing, Power System Studies and Ongoing Field Services, our Engineering Services and Systems organization delivers OEM-class capabilities direct to your site.

Engineering Services & Systems

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Education Programs

Our extensive curriculum of engineering, operating and maintenance courses combine expert instruction with both classroom and hands-on learning environments — at our site or yours.

Education Programs & Training

K

Eaton's Electrical Group on the World Wide Web

Our *Power Control Catalogue 2008* is designed to be your everyday, on-the-shelf, at-a-glance reference for our wide range of products and services. But it's just the paper "tip" of an electronic "iceberg" of continuously-updated information you can access, online, anytime.

<http://www.EatonCanada.ca>

Delivering the Promise of Power... Through the Power of Information

There's no doubt about it: Accurate product information makes for better decisions, better systems, and satisfied customers.

That's why we've built the *Power Control Catalogue 2008* the way we have. It is your point-of-entry, your touchstone and your guide to the most innovative products and support services in the business.

Questions? Call: 1-800-268-3578

Comments? E-mail: webfeedbackEGCanada@eaton.com

Or write: Eaton
5050 Mainway
Burlington, ON L7L 5Z1
Attn: Marketing Department

Product Support

We are committed to serving our customers by supporting current product lines, as well as introducing state-of-the-art improvements. However, we will continue to support our existing product base. Aftermarket parts and upgrade services will be available for your existing Cutler-Hammer, Powerware and Westinghouse installations.

Please ask for our *Electrical Aftermarket Products and Services Catalogue* to order Aftermarket or Vintage products.



Eaton Corporation

Eaton's electrical business is a global leader in electrical control, power distribution, and industrial automation products and services. Through advanced product development, world-class manufacturing methods, and global engineering services and support, Eaton's electrical business provides customer-driven solutions under brand names such as Cutler-Hammer®, Powerware®, Durant®, Heinemann®, Holec® and MEM®, which globally serve the changing needs of the industrial, utility, light commercial, residential, and OEM markets. For more information, visit www.eatoncanada.ca.

Eaton Corporation is a diversified industrial manufacturer with 2007 sales of \$13.0 billion. Eaton is a global leader in electrical systems and components for power quality, distribution and control; hydraulics components, systems and services for industrial and mobile equipment; hydraulics, fuel and pneumatic systems for commercial and military aircraft; intelligent truck drivetrain systems for safety and fuel economy; and automotive engine air management systems, powertrain solutions and specialty controls for performance, fuel economy and safety. Eaton has 81,000 employees and sells products to customers in more than 150 countries. For more information, visit www.eaton.com

