Eaton’s electrical business is a global leader in electrical control, power distribution, and industrial automation products and services. Eaton’s unique combination of world-class manufacturing methods, and global engineering services and support, Eaton’s electrical business provides custom-designed solutions under brand names such as Cutler-Hammer®, Powerware®, Eaton® (Moeller®), Motovum®, and MEM®, which globally serve the changing needs of the industrial, utility, light commercial, residential, and OEM markets. For more information, visit www.EatonElectrical.com.

Eaton is a diversified industrial manufacturer with 2005 sales of $11.1 billion. Eaton is a global leader in electrical systems and component manufacturing, fluid power systems, and specialty controls for performance, fuel economy and safety. Eaton has 60,000 employees and sells products to customers in more than 125 countries. For more information, visit www.eaton.com.
Eaton Vacuum Interruption Technology

Eaton Vacuum Interrupters (EVTs) are at the heart of the distribution grid. In worldwide demand for electricity, Eaton is at the forefront of vacuum interrupter technology, offering a wide range of products that meet the needs of the electrical industry.

EVTs are used in various applications, such as circuit breakers, reclosers, and industrial and commercial applications. Eaton offers a variety of EVT options, including solid dielectric and vacuum interrupters.

For more information, please visit Eaton’s website or contact your local Eaton representative.

Eaton has a strong commitment to innovation and sustainability. The company continuously works to develop new technologies and improve existing ones to meet the ever-evolving needs of the electrical industry.

Eaton’s vacuum interrupter technology has revolutionized the way electrical systems are designed and built, enabling greater efficiency, reliability, and sustainability. Eaton continues to lead the industry in the development of innovative vacuum interrupter solutions, ensuring a bright future for electrical systems worldwide.

For more information, visit Eaton’s website or contact your local Eaton representative.
**Eaton Vacuum Interruption Technology**

Eaton Vacuum Interruption (EVI) is the Heart of the Solutions Drive. In response to the explosive growth of the world's electrical grid, Eaton has been at the forefront of innovation, developing a range of high-voltage switchgear and transmission equipment that is revolutionizing the way power is transmitted and distributed. Eaton's EVI technology, with its superior performance in terms of reliability, durability, and environmental friendliness, is transforming the landscape of power distribution systems worldwide.

**An Ideal Solution, Developed Through Years of Innovation**

Eaton's EVI technology is the result of decades of research and development. It has evolved from its origins in the 1960s, when Eaton pioneered the use of vacuum interrupters in high-voltage switchgear. Over the years, Eaton has continued to innovate, introducing new designs and materials that have improved the performance and efficiency of its EVI products. The result is an EVI technology that is not just reliable and durable, but also environmentally friendly, meeting the needs of engineers, manufacturers, and consumers around the world.

**For Your VI Investment, Eaton Has the Answer**

Eaton offers a wide range of VI solutions, tailored to meet the specific needs of customers in various industries. Whether you are looking for a solution for a new project or need to upgrade an existing system, Eaton has the expertise and the technology to help you achieve your goals. Eaton's VI solutions are designed to be efficient, reliable, and cost-effective, providing a clear return on investment.

**Data of the Air Testing Facilities to Protect Your Designs**

Eaton's VI testing facilities are designed to simulate real-world conditions, ensuring that the solutions you choose will perform as expected in the field. Eaton's testing facilities are staffed by experienced engineers who use the latest technology and equipment to test VI products and ensure their reliability and performance.

**Worldwide Trend**

As the world's electrical grid continues to grow and evolve, Eaton's EVI technology is playing a critical role in ensuring that the power delivered is reliable, efficient, and environmentally sustainable. Eaton's commitment to innovation and excellence is evident in every aspect of its VI solutions, from design to manufacture to testing and installation. Eaton's EVI technology is the future of power distribution, and Eaton is leading the way.
Eaton Vacuum Interruption Technology

Eaton Vacuum Interrupters (EVI) are at the heart of the hardening demands in worldwide demand for electricity. World demand for electricity is increasing, particularly in the developing world, with business customers, residential customers and utilities all demanding more reliable, higher power, safer, and more efficient energy services. Eaton’s Vacuum Interrupter (VI) technology is one of the key solutions for enabling this trend.

EVI Technology is a proven, reliable solution for switching challenges today and tomorrow. Eaton VI technology offers many benefits for today’s and tomorrow’s energy systems: including superior performance, flexibility and efficiencies. Eaton’s VI technology is utilized across a broad spectrum of applications.

EVI Technology utilizes state-of-the-art process materials, manufacturing processes and testing to ensure a superior product.

Throughout Eaton’s product development process, every Eaton VI is developed to meet and exceed the requirements of its intended application. Eaton VI uses a vacuum chamber which provides superior arc quenching capability and prevents contamination.

The Eaton VI is a proven solution for today’s and tomorrow’s energy systems.

EVI Technology

Eaton Vacuum Interrupter Technology

For Year VI introduction, Eaton has six different designs that meet a wide range of switching applications.

EVI technology is designed for reliability and performance for up to 100 years of service. Eaton VI’s are designed to meet the needs of almost any application. Eaton’s VI technology is designed to meet the needs of today’s and tomorrow’s energy systems.

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EVI Technology

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Eaton Corporation is a diversified industrial manufacturer with 2005 sales of $11.1 billion. Eaton is a global leader in electrical systems and equipment, power transmission and distribution, fluid power systems and services for industrial, mobile and aircraft equipment; 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 56,000 employees and sells products to customers in more than 125 countries. For more information, visit www.eaton.com.

Eaton’s vacuum interruption technology (EVI) is a compact, reliable, maintenance-free solution for medium voltage switchgear components. Eaton’s EVI circuit breakers are used in utility, industrial, and commercial applications as primary circuit protection, providing safe and reliable performance for many years.

The Eaton EVI has been proven to meet IEC, ANSI, and GB/JB/DL standards through a rigorous testing process. Each EVI is manufactured in ISO-9001 and ISO-14001 certified facilities under strict quality procedures. Eaton’s EVI is manufactured using the most advanced processes and testing equipment to ensure the highest level of quality.

A dielectric withstand, as well as a vacuum assurance test, is performed on every interrupter created. In addition, the testing process includes a bar code test, which allows us to track material lots, as well as the operators involved with building each interrupter in an electronic database. The test of our product range is conducted day after day, year after year in the field. With over 3 million EVIs in service around the world, Eaton’s EVI is one of the most reliable and proven components in their end product. The Eaton EVI is one of the most reliable and proven components in their end product.
Eaton’s electrical business is a global leader in electrical control, power distribution, and industrial automation products and services. Eaton is dedicated to creating the world’s leading systems and products for the commercial, industrial, and transportation sectors, including manufacturing methods, and global engineering services and supply. Eaton’s electrical business is known for transforming standard medium-voltage breaker designs from traditional designs to more efficient products that are manufactured to the highest standards. Eaton’s products provide a range of electrical solutions that meet the needs of a diverse range of industries.

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