

MITSUBISHI ELECTRIC CORPORATION
PUBLIC RELATIONS DIVISION
7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8310 Japan

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Customer Inquiries

Media Inquiries

Power Distribution Systems Center
Mitsubishi Electric Corporation
<https://www.mitsubishielectric.com/ssl/contact/bu/powersystems/form>
<http://www.mitsubishielectric.com/bu/powersystems/products/switchgear/index>

Public Relations Division
Mitsubishi Electric Corporation
prd.gnews@nk.MitsubishiElectric.co.jp
<http://www.MitsubishiElectric.com/news/>

Mitsubishi Electric's Power Distribution Systems Center Produces One Millionth Medium-voltage Circuit Breaker

Facility celebrates 35 years of contributing to the safety and stability of electricity

TOKYO, March 26, 2014 – [Mitsubishi Electric Corporation](#) (TOKYO: 6503) announced today that the company's Power Distribution Systems Center (PDSC) has produced its milestone one millionth medium-voltage circuit breaker in Marugame, Kagawa Prefecture, Japan in March.

Medium-voltage circuit breakers protect electric facilities and power distribution networks in buildings, factories and other industrial facilities by cutting off irregular current in the case of accidents such as lightning strikes to power networks.



The one millionth unit was a VF-8/13 model 7.2kV vacuum circuit breaker

Going forward, Mitsubishi Electric will continue to contribute to the safety and stability of power systems by developing and commercializing electricity technology for advanced industrialization and environmental protection, including the reduced use of hazardous substances based on RoHS standards.

The PDSC facility was established as the Marugame Factory in 1979 to produce medium-voltage circuit breakers, such as vacuum breakers and gas circuit breakers. Over the years, it has produced circuit breakers

featuring high reliability, compactness and minimized maintenance. The PDSC's cumulative shipments of circuit breakers units exceeded one million units in March 2014, the year marking the facility's 35th anniversary. The one millionth unit was a VF-8/13 model 7.2kV vacuum circuit breaker, Mitsubishi Electric's main circuit-breaker model. VF-8/13 shipments average more than 20,000 units per year and account for more than a 60% Japanese market share among models rated for voltages of 3.6/7.2kV and breaking currents of 8–12.5kA. The one million units have included 965,000 vacuum circuit breakers, 22,000 air- or magnet-circuit breakers and 13,000 gas circuit breakers.

Milestones in PDSC's Production of Medium-voltage Circuit Breakers

- 1979 Marugame factory established and begins producing circuit breakers
- 1982 7.2kV VF-A series vacuum circuit breaker shipments begin
- 1991 12kV-80kA high-function gas circuit breaker shipments begin
- 1999 7.2kV high-speed vacuum circuit breaker shipments begin
- 2000 Cumulative production reaches 500,000 units
- 2004 7.2kV-type VF-D series vacuum circuit breaker shipments begin
- 2013 72/84kV dead-tank vacuum circuit breaker shipments begin

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About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 3,567.1 billion yen (US\$ 37.9 billion*) in the fiscal year ended March 31, 2013. For more information visit <http://www.MitsubishiElectric.com>

*At an exchange rate of 94 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2013