

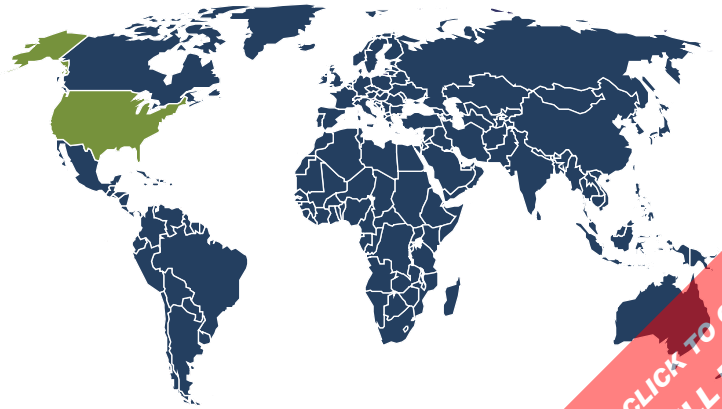
Freedonia Focus Reports
US Collection



Circuit

Breakers & Fuses: United States

September 2016



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Trade | Regulatory Factors

Segmentation and Forecasts

Products | Markets | Shipments

Industry Structure

Industry Composition and Characteristics | Companies Cited

Resources

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ABOUT THIS REPORT

Scope & Method

This report forecasts US circuit breaker and fuse demand and shipments in US dollars at the manufacturers' level to 2020. Total demand is segmented by product in terms of:

- power circuit breakers
- molded-case circuit breakers (MCCBs)
- circuit breaker parts and accessories
- high-power fuses
- other fuses such as cartridge and plug, electronic, and specialty types
- fuse parts and accessories.

Total demand is also segmented by market as follows:

- electric power
- machinery
- nonresidential construction
- other markets such as nonautomotive transport equipment, residential construction, and automotive.

To illustrate historical trends, total demand is provided in an annual series from 2005 to 2015; shipments (segmented by circuit breakers and by fuses) and the various demand segments are reported at five-year intervals for 2010 and 2015.

This report quantifies trends in various measures of growth. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for the years corresponding to other reported figures. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

Sources

Circuit Breakers & Fuses: United States (FF45034) is based on [Circuit Breakers & Fuses](#), a comprehensive industry study published by The Freedonia Group in

September 2016. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
335313	Switchgear and Switchboard Apparatus Manufacturing	3613	Switchgear and Switchboard Apparatus

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RESOURCES

The Freedonia Group

www.freedoniagroup.com

<i>3471 Circuit Breakers & Fuses</i> , September 2016	see study contents
Related Industry Studies	
<i>3416 World HVAC Equipment</i> , May 2016	see study contents
<i>3312 World Housing</i> , July 2015	see study contents
<i>3256 Electric Power Transmission & Distribution Equipment</i> , February 2015	see study contents
<i>3238 Electric Motors</i> , December 2014	see study contents
Related Focus Reports	
<i>Construction: United States</i>	see report contents
<i>Electric Motors: United States</i>	see report contents
<i>Energy: United States</i>	see report contents
<i>Motor Vehicles: United States</i>	see report contents
<i>Nonresidential Building Construction: United States</i>	see report contents
<i>Renewable Energy: United States</i>	see report contents
<i>Switchgear: United States</i>	see report contents
<i>Transformers: United States</i>	see report contents
<i>Transport Equipment: United States</i>	see report contents
Freedonia Custom Research	see capabilities

Trade Publications

<i>Electrical Construction & Maintenance</i>	www.ecmweb.com
<i>Electrical Wholesaling</i>	www.ewweb.com
<i>Electricity Today</i>	www.electricity-today.com
<i>Electric Perspectives</i>	www.eei.org/resourcesandmedia/magazine
<i>Energy Central</i>	www.energycentral.com
<i>Engineering News-Record</i>	www.enr.com
<i>Metering & Smart Energy International</i>	www.metering.com
<i>Plant Engineering</i>	www.plantengineering.com
<i>Power Generation Week</i>	www.powergenerationweek.com

Agencies & Associations

Edison Electric Institute	www.eei.org
Federal Energy Regulatory Commission	www.ferc.gov
International Organization for Standardization	www.iso.org
National Electrical Manufacturers Association	www.nema.org
National Fire Protection Association	www.nfpa.org
United States Census Bureau	www.census.gov
United States Environmental Protection Agency	www.epa.gov
United States International Trade Commission	www.usitc.gov

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