

Fault Current Limiter Market by Type (Superconducting & Non-superconducting), by Voltage Range (High, Medium & Low), by End-Users (Power Stations, Oil & Gas, Automotive, Steel & Aluminum, Paper Mills & Chemicals) and by Region Global Forecast to 2020

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Abstracts

Fault current limiter market is expected to reach a value of USD 5.2 billion by 2020, at a CAGR of 9.2% during 2015-2020. Current inadequacy of circuit breakers and fuses along with the increasing grid interconnections is driving the demand for fault current limiters across the world. Fault current limiter is considered to be a vital protection component in present day T&D networks required to minimize the occurrence of fault currents. North America and Europe are investing heavily towards upgrade of existing T&D infrastructure. Developing economies like Asia-Pacific along with developed ones are moving towards renewable sources of energy to cope up with the increasing energy demand. Governments of countries in the region have taken various steps for renewable energy programs driving the demand for use of fault current limiter.

Superconducting Fault Current Limiter (SFCL) dominates the global market:

Superconducting fault current limiter is the fastest growing segment. This high growth is attributed to the increasing usage of superconductor materials in various applications like generators, transportation, power transmission, electric motors, and medical among others. Superconducting fault current limiter is further segmented by its sub-types which include resistive, inductive and others. Resistive type superconducting fault current limiter held the largest market share in terms of value in 2014 followed by inductive superconducting fault current limiter.



Europe: The fastest growing region in fault current limiter market

Europe is currently focusing on smart grid technology and upgrade of its current infrastructure for better reliable and efficient networks. Smart technology will integrate modern communication technologies and renewable energy sources (wind, solar, others) into future power grids to supply more efficient, reliable, and safe power. One of the critical problems due to integration is excessive increase in fault currents in the electrical system. Conventional protection devices are limitedly capable to cope with the increased capacity especially at high voltage networks. This technical gap is increasing the scope and demand for fault current limiter in the region, which is a vital component of modern day technology (smart grid).

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject matter experts, C-level executives of key market players, and industry consultants among other experts to obtain & verify critical qualitative and quantitative information as well as assess future market prospects. Distribution of primary interviews is as follows

By Company Type: Tier 1- 60%, Tier2-27%, and Tier 3-13%

By Designation: C-Level-50%, Director Level-30%, and Others-20%

By Region: North America-30%, Europe-20%, Asia-Pacific-20%, and RoW-30%

Note: Others include sales managers, marketing managers, and product managers

The tier of the companies is defined on the basis of their total revenue, as of 2013: Tier 1 = >USD 10 billion, Tier 2 = USD 1 billion to USD 10 billion and Tier 3 = USD 1 billion

Leading players of this industry have been profiled with their recent developments and other strategic activities. These include ABB Limited (Switzerland), Siemens AG (Germany), Alstom (France), Nexans (France), and AMSC (U.S.) among others.

Why buy this report?

1. The report identifies and addresses key markets for fault current limiters which is useful for suppliers and OEMs to review production and distribution plans



- 2. The report includes analysis for key countries by type of fault current limiters, ie., superconducting and non-superconducting. It analyses historical trends and also forecast for 2020 assisting in strategic decision making
- 3. It also presents competition by analyzing recent market developments such as key contracts, expansions, and new product launches from the key global market players. It helps understand the competition strategies and plan respective initiatives



Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.3 BREAKDOWN OF PRIMARIES
 - 2.1.4 KEY INDUSTRY INSIGHTS
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS & LIMITATIONS
 - 2.4.1 ASSUMPTIONS
 - 2.4.2 LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE GROWTH OPPORTUNITIES IN FAULT CURRENT LIMITER MARKET
- 4.2 FAULT CURRENT LIMITER MARKET- REGION WISE ANALYSIS
- 4.3 FAULT CURRENT LIMITER MARKET, BY TYPE
- 4.4 FAULT CURRENT LIMITER MARKET: ASIA-PACIFIC



5 MARKET OVERVIEW

- 5.1 INTRODUCTION
- 5.2 MARKET SEGMENTATION
 - **5.2.1 BY TYPE**
 - 5.2.2 BY VOLTAGE RANGE
 - 5.2.3 BY END-USERS
 - 5.2.4 BY REGION
- 5.3 MARKET DYNAMICS
 - **5.3.1 DRIVERS**
 - 5.3.1.1 Interconnection to electric utility grid
 - 5.3.1.2 Growing concern for efficient & reliable power
 - 5.3.1.3 Government initiatives to expand or upgrade the T&D system
 - 5.3.1.4 Inadequacy of circuit breakers & fuses
 - 5.3.2 RESTRAINTS
 - 5.3.2.1 Less Commercialization
 - 5.3.2.2 Non-uniformity of generally accepted standards for FCLs
 - 5.3.3 OPPORTUNITIES
 - 5.3.3.1 Demand for intelligent & modernized power grid infrastructure
 - 5.3.3.2 Rise in renewable energy targets
 - 5.3.4 CHALLENGES
 - 5.3.4.1 Safety concerns
 - 5.3.4.2 Robust size and high cost for HTSFCL
 - 5.3.5 VALUE CHAIN ANALYSIS
 - 5.3.6 PORTER'S FIVE FORCES ANALYSIS
 - 5.3.6.1 Threat of substitutes
 - 5.3.6.2 Threat of new entrants
 - 5.3.6.3 Bargaining power of buyers
 - 5.3.6.4 Bargaining power of suppliers
 - 5.3.6.5 Intensity of competitive rivalry

6 FAULT CURRENT LIMITER MARKET, BY TYPE

- 6.1 INTRODUCTION
- 6.2 SUPERCONDUCTING FAULT CURRENT LIMITER
- 6.2.1 SUPERCONDUCTING FAULT CURRENT LIMITER (SFCL), BY TYPE
- 6.3 NON-SUPERCONDUCTING FAULT CURRENT LIMITER
 - 6.3.1 NON-SUPERCONDUCTING FAULT CURRENT LIMITER (NSFCL), BY TYPE



7 FAULT CURRENT LIMITER MARKET, BY VOLTAGE RANGE

- 7.1 INTRODUCTION
- 7.2 MEDIUM VOLTAGE FAULT CURRENT LIMITER
- 7.3 LOW VOLTAGE FAULT CURRENT LIMITER
- 7.4 HIGH VOLTAGE FAULT CURRENT LIMITER

8 FAULT CURRENT LIMITER MARKET, BY END-USER

- 8.1 INTRODUCTION
- 8.2 POWER STATIONS
- 8.3 OIL & GAS
 - 8.3.1 BY SUB-TYPE
- **8.4 AUTOMOTIVE**
- 8.5 PAPER MILLS
- 8.6 CHEMICALS
- 8.7 STEEL & ALUMINUM

9 FAULT CURRENT LIMITER MARKET, BY REGION

- 9.1 INTRODUCTION
- 9.2 NORTH AMERICA FAULT CURRENT LIMITER MARKET
 - 9.2.1 INTRODUCTION
 - 9.2.2 BY COUNTRY
 - 9.2.2.1 U.S.
 - 9.2.2.2 Canada
 - 9.2.2.3 Rest of North America
- 9.3 ASIA-PACIFIC FAULT CURRENT LIMITER MARKET
 - 9.3.1 INTRODUCTION
 - 9.3.2 BY COUNTRY
 - 9.3.2.1 China
 - 9.3.2.2 Japan
 - 9.3.2.3 South Korea
 - 9.3.2.4 India
 - 9.3.2.5 Rest of Asia-Pacific
- 9.4 EUROPE FAULT CURRENT LIMITER MARKET
 - 9.4.1 INTRODUCTION
 - 9.4.2 BY COUNTRY



- 9.4.2.1 U.K.
- 9.4.2.2 Germany
- 9.4.2.3 France
- 9.4.2.4 Rest of Europe
- 9.5 REST OF THE WORLD
 - 9.5.1 INTRODUCTION
 - 9.5.2 BY COUNTRY
 - 9.5.2.1 Brazil
 - 9.5.2.2 Saudi Arabia
 - 9.5.2.3 UAE
 - 9.5.2.4 Argentina
 - 9.5.2.5 Others

10 COMPETITIVE LANDSCAPE

- 10.1 OVERVIEW
- 10.2 COMPETITIVE SITUATION & TRENDS
- 10.3 CONTRACTS & AGREEMENTS
- 10.4 EXPANSIONS
- 10.5 NEW PRODUCT/TECHNOLOGY LAUNCHES
- 10.6 OTHER DEVELOPMENTS

11 COMPANY PROFILES

(Overview, Products & Services, Strategies & Insights, Developments and MnM View)*

- 11.1 INTRODUCTION
- 11.2 ABB LTD.
- 11.3 ALSTOM
- 11.5 AMERICAN SUPERCONDUCTOR CORPORATION
- 11.6 SIEMENS AG
- 11.7 APPLIED MATERIALS
- 11.8 GRIDON
- 11.9 SUPERPOWER INC.
- 11.10 SUPERCONDUCTOR TECHNOLOGIES INC.
- 11.11 RONGXIN POWER ELECTRONIC CO. LTD.
- 11.12 ZENERGY POWER
- *Details on Overview, Products & Services, Strategies & Insights, Developments and



MnM View might not be captured in case of unlisted companies.

12 APPENDIX

- 12.1 KEY INDUSTRY INSIGHTS
- 12.2 AVAILABLE CUSTOMIZATIONS
- 12.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 12.4 RELATED REPORTS



List Of Tables

LIST OF TABLES

Table 1 ACCESS TO ELECTRICITY (% OF POPULATION)

Table 2 FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 3 KEY SUPERCONDUCTING FAULT CURRENT LIMITER PROJECTS
Table 4 SUPERCONDUCTING FAULT CURRENT LIMITER MARKET SIZE, BY
REGION, 2013–2020 (USD MILLION)

Table 5 SUPERCONDUCTING FAULT CURRENT LIMITER MARKET SIZE, BY SUBTYPE, 2013–2020 (USD MILLION)

Table 6 RESISTIVE SUPERCONDUCTING FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 7 INDUCTIVE CORE SUPERCONDUCTING FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 8 OTHER SUPERCONDUCTING FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 9 NON-SUPERCONDUCTING FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 10 NON-SUPERCONDUCTING FAULT CURRENT LIMITER MARKET SIZE, BY SUB-TYPE, 2013–2020 (USD MILLION)

Table 11 SOLID STATE NON-SUPERCONDUCTING FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 12 SATURABLE CORE NON-SUPERCONDUCTING FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 13 FAULT CURRENT LIMITER MARKET, BY SUB-TYPE, 2013–2020 (USD MILLION)

Table 14 FAULT CURRENT LIMITER MARKET SIZE, BY VOLTAGE RANGE, 2013–2020 (USD MILLION)

Table 15 MEDIUM VOLTAGE FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 16 LOW VOLTAGE FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 17 HIGH VOLTAGE FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 18 FAULT CURRENT LIMITER MARKET SIZE, BY END-USER, 2013–2020 (USD MILLION)

Table 19 POWER STATIONS MARKET SIZE, BY REGION, 2013-2020(USD



MILLION)

Table 20 OIL & GAS MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 21 OIL & GAS MARKET SIZE, BY SUB-TYPE, 2013–2020 (USD MILLION)

Table 22 AUTOMOTIVE MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 23 PAPER MILLS MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 24 CHEMICALS MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 25 STEEL & ALUMINUM MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 26 FAULT CURRENT LIMITER: TOP FIVE COUNTRIES MARKET SIZE, 2013–2020 (USD MILLION)

Table 27 FAULT CURRENT LIMITER MARKET SIZE, BY REGION, 2013–2020 (USD MILLION)

Table 28 NORTH AMERICA: FAULT CURRENT LIMITER MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 29 NORTH AMERICA: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 30 NORTH AMERICA: FAULT CURRENT LIMITER MARKET SIZE, BY VOLTAGE RANGE, 2013–2020 (USD MILLION)

Table 31 NORTH AMERICA: FAULT CURRENT LIMITER MARKET SIZE, BY END-USER, 2013–2020 (USD MILLION)

Table 32 U.S.: RENEWABLE CONSUMPTION, 2013-2016 (QUADRILLION BTU)

Table 33 U.S.: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 34 CANADA: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 35 REST OF NORTH AMERICA: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 36 ASIA-PACIFIC: FAULT CURRENT LIMITER MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 37 ASIA-PACIFIC: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 38 ASIA-PACIFIC: FAULT CURRENT LIMITER MARKET SIZE, BY VOLTAGE RANGE, 2013–2020 (USD MILLION)

Table 39 ASIA-PACIFIC: FAULT CURRENT LIMITER MARKET SIZE, BY END-USER, 2013–2020 (USD MILLION)

Table 40 CHINA: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 41 JAPAN: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)



Table 42 SOUTH KOREA: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 43 INDIA: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 44 REST OF ASIA-PACIFIC: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 45 EUROPE: FAULT CURRENT LIMITER MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 46 EUROPE: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 47 EUROPE: FAULT CURRENT LIMITER MARKET SIZE, BY VOLTAGE RANGE, 2013–2020 (USD MILLION)

Table 48 EUROPE: FAULT CURRENT LIMITER MARKET SIZE, BY END-USER, 2013–2020 (USD MILLION)

Table 49 U.K.: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020(USD MILLION)

Table 50 GERMANY: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020(USD MILLION)

Table 51 FRANCE: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 52 REST OF EUROPE: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 53 ROW: FAULT CURRENT LIMITER MARKET SIZE, BY COUNTRY, 2013–2020 (USD MILLION)

Table 54 ROW: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 55 ROW: FAULT CURRENT LIMITER MARKET SIZE, BY VOLTAGE RANGE, 2013–2020 (USD MILLION)

Table 56 ROW: FAULT CURRENT LIMITER MARKET SIZE, BY END-USERS, 2013–2020 (USD MILLION)

Table 57 BRAZIL: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 58 SAUDI ARABIA: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 59 UAE: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 60 ARGENTINA: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020 (USD MILLION)

Table 61 OTHERS: FAULT CURRENT LIMITER MARKET SIZE, BY TYPE, 2013–2020



(USD MILLION)

Table 62 CONTRACTS & AGREEMENTS, 2011-2015

Table 63 EXPANSIONS, 2014–2015

Table 64 NEW PRODUCT/TECHNOLOGY LAUNCHES, 2011-2012

Table 65 OTHER DEVELOPMENTS, 2012–2015



List Of Figures

LIST OF FIGURES

Figure 1 MARKETS COVERED: FAULT CURRENT LIMITER MARKET

Figure 2 FAULT CURRENT LIMITER MARKET: RESEARCH DESIGN

Figure 3 BOTTOM-UP APPROACH

Figure 4 TOP-DOWN APPROACH

Figure 5 ASSUMPTIONS OF THE RESEARCH STUDY

Figure 6 LIMITATIONS OF THE RESEARCH STUDY

Figure 7 NORTH AMERICA OCCUPIED THE LARGEST MARKET SHARE IN 2014

Figure 8 FAULT CURRENT LIMITER MARKET SNAPSHOT (2015 VS. 2020):

EUROPE IS EXPECTED TO EXHIBIT THE HIGHEST GROWTH RATE DURING 2015 - 2020

Figure 9 THE SUPERCONDUCTING FAULT CURRENT LIMITER SEGMENT IS PROJECTED TO DOMINATE THE MARKET DURING THE FORECAST PERIOD Figure 10 THE POWER STATIONS SEGMENT IS EXPECTED TO CAPTURE THE LARGEST MARKET SHARE DURING THE FORECAST PERIOD

Figure 11 FAULT CURRENT LIMITER MARKET SIZE, 2015 & 2020 (USD MILLION)

Figure 12 UPGRADING EXISTING NETWORK & RISING INVESTMENT IN T&D

INFRASTRUCTURE TO BOOST FAULT CURRENT LIMITER MARKET

Figure 13 NORTH AMERICA DOMINATED THE FAULT CURRENT LIMITER MARKET IN 2014

Figure 14 SUPERCONDUCTING FAULT CURRENT LIMITER (SFCL) TO CAPTURE LIONS SHARE IN FAULT CURRENT LIMITER MARKET

Figure 15 ASIA-PACIFIC: CHINA, JAPAN, & SOUTH KOREA ARE MAJOR CONTRIBUTORS TO THE MARKET, 2014

Figure 16 FAULT CURRENT LIMITER MARKET SEGMENTATION, BY TYPE Figure 17 FAULT CURRENT LIMITER MARKET SEGMENTATION, BY VOLTAGE

RANGE

Figure 18 FAULT CURRENT LIMITER MARKET SEGMENTATION, BY END-USER

Figure 19 FAULT CURRENT LIMITER MARKET SEGMENTATION, BY REGION

Figure 20 INTERCONNECTION OF GRID ALONG WITH RISING INVESTMENTS IN

T&D INFRASTRUCTURE IS EXPECTED TO PROPEL THE GROWTH OF THE

MARKET

Figure 21 GROWING RENEWABLE ENERGY MIX BY 2030

Figure 22 VALUE CHAIN: FAULT CURRENT LIMITER MARKET

Figure 23 FAULT CURRENT LIMITER MARKET: PORTER'S FIVE FORCES

ANALYSIS



Figure 24 FAULT CURRENT LIMITER MARKET SHARE (VALUE), BY TYPE, 2014 Figure 25 FAULT CURRENT LIMITER MARKET SHARE (VALUE), BY VOLTAGE RANGE, 2014

Figure 26 FAULT CURRENT LIMITER MARKET SHARE (VALUE), BY END-USER, 2014

Figure 27 POWER STATIONS TO CAPTURE THE MAXIMUM SHARE IN THE FAULT CURRENT LIMITER MARKET

Figure 28 GERMANY, FRANCE, SOUTH KOREA, INDIA & CHINA ARE EXPECTED TO SHOW THE HIGHEST GROTH RATES DURING 2015-2020

Figure 29 FAULT CURRENT LIMITER MARKET SHARE (VALUE), BY REGION, 2014 Figure 30 COMPANIES ADOPTED VARIOUS GROWTH STRATEGIES IN THE PAST FIVE YEARS, 2011–2015

Figure 31 BATTLE FOR MARKET SHARE: CONTRACT & AGREEMENT IS THE KEY STRATEGY ADOPTED BY THE PLAYERS, 2011–2015

Figure 32 MARKET EVOLUTION FRAMEWORK: CONTRACTS & AGREEMENTS HAS LED TO THE MARKET GROWTH, 2011–2015

Figure 33 REGIONAL REVENUE MIX OF THE TOP FIVE MARKET PLAYERS

Figure 35 ABB LTD. SWOT ANALYSIS

Figure 36 ALSTOM: COMPANY SNAPSHOT

Figure 37 ALSTOM: SWOT ANALYSIS

Figure 38 NEXANS S.A.: COMPANY SNAPSHOT

Figure 39 NEXANS S.A.: SWOT ANALYSIS

Figure 40 AMSC: COMPANY SNAPSHOT

Figure 41 AMSC: SWOT ANALYSIS

Figure 42 SIEMENS AG: COMPANY SNAPSHOT

Figure 43 SWOT ANALYSIS: SIEMENS AG

Figure 44 APPLIED MATERIALS: COMPANY SNAPSHOT

Figure 45 SUPERCONDUCTOR TECHNOLOGIES INC.: COMPANY SNAPSHOT Figure 46 RONGXIN POWER ELECTRONIC CO. LTD.: COMPANY SNAPSHOT



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