

Medium Voltage Vacuum Contactors Industry Research Report 2024

<https://marketpublishers.com/r/M30B8E8A0D34EN.html>

Date: April 2024

Pages: 121

Price: US\$ 2,950.00 (Single User License)

ID: M30B8E8A0D34EN

Abstracts

This report studies the Medium Voltage Vacuum Contactors market, Vacuum contactors utilize vacuum bottle encapsulated contacts to suppress the arc. This arc suppression allows the contacts to be much smaller and use less space than air break contacts at higher currents. As the contacts are encapsulated, vacuum contactors are used fairly extensively in dirty applications, such as mining. Vacuum contactors are also widely used at medium voltages from 1000-5000 volts, effectively displacing oil-filled circuit breakers in many applications.

Vacuum contactors are only applicable for use in AC systems. The AC arc generated upon opening of the contacts will self-extinguish at the zero-crossing of the current waveform, with the vacuum preventing a re-strike of the arc across the open contacts. Vacuum contactors are therefore very efficient at disrupting the energy of an electric arc and are used when relatively fast switching is required, as the maximum break time is determined by the periodicity of the AC waveform. In the case of 60HZ power (United States standard), the power will discontinue within 1/120 or 0.008333 of a second.

According to APO Research, The global Medium Voltage Vacuum Contactors market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

In United States Medium Voltage Vacuum Contactors key players include Eaton, ABB, Toshiba, etc. United States top three manufacturers hold a share about 50%.

In terms of product, 3.7-7.2 KV is the largest segment, with a share about 45%. And in terms of application, the largest application is Industrial Sector, followed by Utilities Sector, Commercial Sector, Mining Sector, etc.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Medium Voltage Vacuum Contactors, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Medium Voltage Vacuum Contactors.

The report will help the Medium Voltage Vacuum Contactors manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Medium Voltage Vacuum Contactors market size, estimations, and forecasts are provided in terms of sales volume (K Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Medium Voltage Vacuum Contactors market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Eaton

ABB

Toshiba

Siemens

General Electric

Joslyn Clark

Mitsubishi Electric

Arteche

Tavrida Electric

Medium Voltage Vacuum Contactors segment by Type

1-3.6 KV

3.7-7.2 KV

7.3-15 KV

Above 15 KV

Medium Voltage Vacuum Contactors segment by Application

Utilities Sector

Industrial Sector

Commercial Sector

Mining Sector

Others

Medium Voltage Vacuum Contactors Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Medium Voltage Vacuum Contactors market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Medium Voltage Vacuum Contactors and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Medium Voltage Vacuum Contactors.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Medium Voltage Vacuum Contactors manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Medium Voltage Vacuum Contactors by

region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Medium Voltage Vacuum Contactors in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Medium Voltage Vacuum Contactors by Type
 - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.2.2 1-3.6 KV
 - 2.2.3 3.7-7.2 KV
 - 2.2.4 7.3-15 KV
 - 2.2.5 Above 15 KV
- 2.3 Medium Voltage Vacuum Contactors by Application
 - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.3.2 Utilities Sector
 - 2.3.3 Industrial Sector
 - 2.3.4 Commercial Sector
 - 2.3.5 Mining Sector
 - 2.3.6 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Medium Voltage Vacuum Contactors Production Value Estimates and Forecasts (2019-2030)
 - 2.4.2 Global Medium Voltage Vacuum Contactors Production Capacity Estimates and Forecasts (2019-2030)
 - 2.4.3 Global Medium Voltage Vacuum Contactors Production Estimates and Forecasts (2019-2030)
 - 2.4.4 Global Medium Voltage Vacuum Contactors Market Average Price (2019-2030)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Medium Voltage Vacuum Contactors Production by Manufacturers (2019-2024)
- 3.2 Global Medium Voltage Vacuum Contactors Production Value by Manufacturers (2019-2024)
- 3.3 Global Medium Voltage Vacuum Contactors Average Price by Manufacturers (2019-2024)
- 3.4 Global Medium Voltage Vacuum Contactors Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Medium Voltage Vacuum Contactors Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Medium Voltage Vacuum Contactors Manufacturers, Product Type & Application
- 3.7 Global Medium Voltage Vacuum Contactors Manufacturers, Date of Enter into This Industry
- 3.8 Global Medium Voltage Vacuum Contactors Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

- 4.1 Eaton
 - 4.1.1 Eaton Medium Voltage Vacuum Contactors Company Information
 - 4.1.2 Eaton Medium Voltage Vacuum Contactors Business Overview
 - 4.1.3 Eaton Medium Voltage Vacuum Contactors Production, Value and Gross Margin (2019-2024)
 - 4.1.4 Eaton Product Portfolio
 - 4.1.5 Eaton Recent Developments
- 4.2 ABB
 - 4.2.1 ABB Medium Voltage Vacuum Contactors Company Information
 - 4.2.2 ABB Medium Voltage Vacuum Contactors Business Overview
 - 4.2.3 ABB Medium Voltage Vacuum Contactors Production, Value and Gross Margin (2019-2024)
 - 4.2.4 ABB Product Portfolio
 - 4.2.5 ABB Recent Developments
- 4.3 Toshiba
 - 4.3.1 Toshiba Medium Voltage Vacuum Contactors Company Information
 - 4.3.2 Toshiba Medium Voltage Vacuum Contactors Business Overview
 - 4.3.3 Toshiba Medium Voltage Vacuum Contactors Production, Value and Gross Margin (2019-2024)

- 4.3.4 Toshiba Product Portfolio
- 4.3.5 Toshiba Recent Developments
- 4.4 Siemens
 - 4.4.1 Siemens Medium Voltage Vacuum Contactors Company Information
 - 4.4.2 Siemens Medium Voltage Vacuum Contactors Business Overview
 - 4.4.3 Siemens Medium Voltage Vacuum Contactors Production, Value and Gross Margin (2019-2024)
 - 4.4.4 Siemens Product Portfolio
 - 4.4.5 Siemens Recent Developments
- 4.5 General Electric
 - 4.5.1 General Electric Medium Voltage Vacuum Contactors Company Information
 - 4.5.2 General Electric Medium Voltage Vacuum Contactors Business Overview
 - 4.5.3 General Electric Medium Voltage Vacuum Contactors Production, Value and Gross Margin (2019-2024)
 - 4.5.4 General Electric Product Portfolio
 - 4.5.5 General Electric Recent Developments
- 4.6 Joslyn Clark
 - 4.6.1 Joslyn Clark Medium Voltage Vacuum Contactors Company Information
 - 4.6.2 Joslyn Clark Medium Voltage Vacuum Contactors Business Overview
 - 4.6.3 Joslyn Clark Medium Voltage Vacuum Contactors Production, Value and Gross Margin (2019-2024)
 - 4.6.4 Joslyn Clark Product Portfolio
 - 4.6.5 Joslyn Clark Recent Developments
- 4.7 Mitsubishi Electric
 - 4.7.1 Mitsubishi Electric Medium Voltage Vacuum Contactors Company Information
 - 4.7.2 Mitsubishi Electric Medium Voltage Vacuum Contactors Business Overview
 - 4.7.3 Mitsubishi Electric Medium Voltage Vacuum Contactors Production, Value and Gross Margin (2019-2024)
 - 4.7.4 Mitsubishi Electric Product Portfolio
 - 4.7.5 Mitsubishi Electric Recent Developments
- 4.8 Artech
 - 4.8.1 Artech Medium Voltage Vacuum Contactors Company Information
 - 4.8.2 Artech Medium Voltage Vacuum Contactors Business Overview
 - 4.8.3 Artech Medium Voltage Vacuum Contactors Production, Value and Gross Margin (2019-2024)
 - 4.8.4 Artech Product Portfolio
 - 4.8.5 Artech Recent Developments
- 4.9 Tavrida Electric
 - 4.9.1 Tavrida Electric Medium Voltage Vacuum Contactors Company Information

- 4.9.2 Tavrada Electric Medium Voltage Vacuum Contactors Business Overview
- 4.9.3 Tavrada Electric Medium Voltage Vacuum Contactors Production, Value and Gross Margin (2019-2024)
- 4.9.4 Tavrada Electric Product Portfolio
- 4.9.5 Tavrada Electric Recent Developments

5 GLOBAL MEDIUM VOLTAGE VACUUM CONTACTORS PRODUCTION BY REGION

- 5.1 Global Medium Voltage Vacuum Contactors Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.2 Global Medium Voltage Vacuum Contactors Production by Region: 2019-2030
 - 5.2.1 Global Medium Voltage Vacuum Contactors Production by Region: 2019-2024
 - 5.2.2 Global Medium Voltage Vacuum Contactors Production Forecast by Region (2025-2030)
- 5.3 Global Medium Voltage Vacuum Contactors Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.4 Global Medium Voltage Vacuum Contactors Production Value by Region: 2019-2030
 - 5.4.1 Global Medium Voltage Vacuum Contactors Production Value by Region: 2019-2024
 - 5.4.2 Global Medium Voltage Vacuum Contactors Production Value Forecast by Region (2025-2030)
- 5.5 Global Medium Voltage Vacuum Contactors Market Price Analysis by Region (2019-2024)
- 5.6 Global Medium Voltage Vacuum Contactors Production and Value, YOY Growth
 - 5.6.1 North America Medium Voltage Vacuum Contactors Production Value Estimates and Forecasts (2019-2030)
 - 5.6.2 Europe Medium Voltage Vacuum Contactors Production Value Estimates and Forecasts (2019-2030)
 - 5.6.3 China Medium Voltage Vacuum Contactors Production Value Estimates and Forecasts (2019-2030)
 - 5.6.4 Japan Medium Voltage Vacuum Contactors Production Value Estimates and Forecasts (2019-2030)

6 GLOBAL MEDIUM VOLTAGE VACUUM CONTACTORS CONSUMPTION BY REGION

- 6.1 Global Medium Voltage Vacuum Contactors Consumption Estimates and Forecasts

by Region: 2019 VS 2023 VS 2030

6.2 Global Medium Voltage Vacuum Contactors Consumption by Region (2019-2030)

6.2.1 Global Medium Voltage Vacuum Contactors Consumption by Region: 2019-2030

6.2.2 Global Medium Voltage Vacuum Contactors Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America Medium Voltage Vacuum Contactors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America Medium Voltage Vacuum Contactors Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe Medium Voltage Vacuum Contactors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe Medium Voltage Vacuum Contactors Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Medium Voltage Vacuum Contactors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Medium Voltage Vacuum Contactors Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Medium Voltage Vacuum Contactors Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Medium Voltage Vacuum Contactors Consumption by Country (2019-2030)

- 6.6.3 Mexico
- 6.6.4 Brazil
- 6.6.5 Turkey
- 6.6.5 GCC Countries

7 SEGMENT BY TYPE

- 7.1 Global Medium Voltage Vacuum Contactors Production by Type (2019-2030)
 - 7.1.1 Global Medium Voltage Vacuum Contactors Production by Type (2019-2030) & (K Units)
 - 7.1.2 Global Medium Voltage Vacuum Contactors Production Market Share by Type (2019-2030)
- 7.2 Global Medium Voltage Vacuum Contactors Production Value by Type (2019-2030)
 - 7.2.1 Global Medium Voltage Vacuum Contactors Production Value by Type (2019-2030) & (US\$ Million)
 - 7.2.2 Global Medium Voltage Vacuum Contactors Production Value Market Share by Type (2019-2030)
- 7.3 Global Medium Voltage Vacuum Contactors Price by Type (2019-2030)

8 SEGMENT BY APPLICATION

- 8.1 Global Medium Voltage Vacuum Contactors Production by Application (2019-2030)
 - 8.1.1 Global Medium Voltage Vacuum Contactors Production by Application (2019-2030) & (K Units)
 - 8.1.2 Global Medium Voltage Vacuum Contactors Production by Application (2019-2030) & (K Units)
- 8.2 Global Medium Voltage Vacuum Contactors Production Value by Application (2019-2030)
 - 8.2.1 Global Medium Voltage Vacuum Contactors Production Value by Application (2019-2030) & (US\$ Million)
 - 8.2.2 Global Medium Voltage Vacuum Contactors Production Value Market Share by Application (2019-2030)
- 8.3 Global Medium Voltage Vacuum Contactors Price by Application (2019-2030)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

- 9.1 Medium Voltage Vacuum Contactors Value Chain Analysis
 - 9.1.1 Medium Voltage Vacuum Contactors Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers

- 9.1.3 Medium Voltage Vacuum Contactors Production Mode & Process
- 9.2 Medium Voltage Vacuum Contactors Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Medium Voltage Vacuum Contactors Distributors
 - 9.2.3 Medium Voltage Vacuum Contactors Customers

10 GLOBAL MEDIUM VOLTAGE VACUUM CONTACTORS ANALYZING MARKET DYNAMICS

- 10.1 Medium Voltage Vacuum Contactors Industry Trends
- 10.2 Medium Voltage Vacuum Contactors Industry Drivers
- 10.3 Medium Voltage Vacuum Contactors Industry Opportunities and Challenges
- 10.4 Medium Voltage Vacuum Contactors Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

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