

Motor Management Market by Product & Service (Hardware and Software & Solution Services), Type (Synchronous Motor and Asynchronous Motor), Control, Voltage Range, Application, Industry, and Geography - Global Forecast to 2023

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Abstracts

“Motor Management Market expected to exhibit significant growth potential between 2017 and 2023.”

The Motor Management Market is expected to reach USD 4.03 billion by 2023, at a CAGR of 5.35% between 2017 and 2023. The major factors propelling the market growth are the rising demand for smart, multifunctional, integrated motor control and protection devices, as well as the need for reducing unplanned industrial downtime.

“Motor management software & solution services market likely to grow at the highest rate between 2017 and 2023”

Based on product and service, the Motor Management market for software & solution services is expected to grow at the highest CAGR between 2017 and 2023. Motor management software & solution services include sensing and fault detection; overload protection; voltage and current regulator; and start, stop, and control of an electric motor. The major drivers of the market for the motor management in software & solution services include the increasing industrial automation and the growing demand for electric motors from various industries, increasing number of manufacturing processes, hassle-free installation, and enhanced overall effectiveness of the equipment.

“Motor management for asynchronous motors held the larger market size in 2016”

Motor management for asynchronous motors held a larger market size than asynchronous motors in 2016. The asynchronous nature of the motor derives from the difference between the rotational speed of the armature field and rotor. The speed of an asynchronous motor reduces with the increase in the load, which is affected by the applied change in the voltage. Asynchronous motors are widely used in centrifugal fans, blowers, pumps, compressors, conveyors, and various other applications due to their high speed. Motor management devices such as circuit breakers, soft relays, and switches are used to control the power factors and voltage loads. This drives the market for motor management for asynchronous motors.

“Motor Management Market in North America likely to grow at the highest rate between 2017 and 2023”

The industrial infrastructure installed in North American industries is a couple of decades old, and companies in the region are currently focusing on upgrading the aging infrastructure. The replacement of existing control systems with a modern version of motor management would increase the plant efficiency and reduce the plant downtime for maintenance. Moreover, North America aims to reduce its emissions by 30% from 2005 to 2030 as part of a clean power plan proposed by the Environmental Protection Agency (EPA). The steady growth in industries such as food & beverages, construction, power generation, and also some mining projects in the region are key drivers for the Motor Management Market.

Breakdown of the profiles of the primary participants in the report are as follows:

By Company Type: Tier 1 – 65%, Tier 2 – 14%, and Tier 3 – 21%

By Designation: C-Level Executives – 31%, Directors – 44%, and Others – 25%

By Region: North America – 45%, Europe – 31%, APAC – 20%, and RoW – 4%

Key players in the market include General Electric (US), Texas Instruments (US), Siemens AG (Germany), Schneider Electric SE (France), ABB Ltd. (Switzerland), Analog Devices, Inc., (US), Eaton Corporation Plc (Ireland), Mitsubishi Electric Corporation (Japan), Rockwell Automation (US), and Hitachi, Ltd (Japan).

Research Coverage:

The research report on the global Motor Management Market covers segments such as type, product & service, voltage range, control, application, industry, and region. The market has been segmented on the basis of types into synchronous motor and asynchronous motor. Based on product & services, the motor management market has been classified into hardware and software & solution services. The report covers three voltage ranges of motor management and control device—low, medium, and high voltage. The Motor Management Market has been segmented on the basis of controls into automatic, semi-automatic, and manual. Based on applications, the Motor Management Market has been segmented into pumps, compressors, material handling, and others. The end-user industries of motor management include oil & gas, metals & mining, power generation, chemicals, cement, food & beverages, agriculture, water supply and wastewater treatment. The report covers four major geographic regions, namely North America, Europe, Asia Pacific, and Rest of the World (RoW).

Key Benefits of Buying the Report:

Illustrative segmentation, analysis, and forecast for the market—by type, product & service, voltage range, control, application, industry, and region—has been conducted to provide an overview of the Motor Management Market.

Value chain analysis has been provided in the report to depict the hardware manufacturers, software providers, and system integrators involved in the Motor Management Market.

The major drivers, opportunities, and challenges for the Motor Management Market have been detailed in this report.

The detailed competitive landscape includes key players, in-depth analysis, and competitive leadership mapping of the key players by determining their product offerings and business strategies.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 DEFINITION
- 1.3 STUDY 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 Secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Primary sources
 - 2.1.2.2 Key industry insights
 - 2.1.2.3 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.1.1 Approach for capturing the market share by bottom-up analysis (demand side)
 - 2.2.2 TOP-DOWN APPROACH
 - 2.2.2.1 Approach for capturing the market share top-down analysis (supply side)
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 MOTOR MANAGEMENT AND CONTROL DEVICE MARKET, 2017–2023 (USD MILLION)
- 4.2 MOTOR MANAGEMENT AND CONTROL DEVICE MARKET, BY TYPE (2017–2023)

4.3 MOTOR MANAGEMENT AND CONTROL DEVICE MARKET, BY MOTOR VOLTAGE (2017)

4.4 MOTOR MANAGEMENT AND CONTROL DEVICE MARKET, BY MOTOR CONTROL (2017)

4.5 MOTOR MANAGEMENT AND CONTROL DEVICE MARKET, BY APPLICATION (2017)

4.6 MOTOR MANAGEMENT AND CONTROL DEVICE MARKET, BY INDUSTRY AND REGION (2017)

4.7 MOTOR MANAGEMENT AND CONTROL DEVICE MARKET, BY GEOGRAPHY (2017)

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.1.1 DRIVERS

5.1.1.1 Rising demand for smart, multifunctional, integrated motor control and protection devices

5.1.1.2 Need for reducing unplanned industrial downtime

5.1.2 OPPORTUNITIES

5.1.2.1 Increasing adoption of industrial automation

5.1.2.2 Improved software to create new possibilities in the motors management and control device market

5.1.3 CHALLENGES

5.1.3.1 Dominance of conventional motor management and controllers

5.1.3.2 Lack of awareness regarding motor management and control devices

5.1.3.3 Decreasing greenfield investments in the oil & gas industry

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.1.1 RAW MATERIAL SUPPLIERS

6.1.2 ORIGINAL EQUIPMENT MANUFACTURERS & ASSEMBLERS

6.1.3 INDUSTRIES

6.2 STANDARDS

6.2.1 NEMA STANDARD CLASSIFICATION FOR MOTOR MANAGEMENT AND CONTROL DEVICES

6.2.2 INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC) FOR MOTOR MANAGEMENT AND CONTROL DEVICES

6.2.3 OTHERS

7 MARKET, BY PRODUCT & SERVICE

7.1 INTRODUCTION

7.2 HARDWARE

7.3 SOFTWARE & SOLUTION SERVICES

8 MARKET, BY TYPE

8.1 INTRODUCTION

8.2 ASYNCHRONOUS MOTORS

8.3 SYNCHRONOUS MOTORS

9 MARKET, BY CONTROL

9.1 INTRODUCTION

9.2 AUTOMATIC CONTROLS

9.3 SEMI-AUTOMATIC CONTROLS

9.4 MANUAL CONTROLS

10 MARKET, BY VOLTAGE RANGE

10.1 INTRODUCTION

10.2 LOW VOLTAGE (60 TO 240 VOLT AC)

10.3 MEDIUM VOLTAGE (250 TO 395 VOLT AC)

10.4 HIGH VOLTAGE (396 TO 485 VOLT AC)

11 MARKET, BY APPLICATION

11.1 INTRODUCTION

11.2 PUMPS

11.3 COMPRESSORS

11.4 MATERIAL HANDLING

11.5 OTHER APPLICATIONS

12 MARKET, BY INDUSTRY

12.1 INTRODUCTION

12.2 METALS & MINING INDUSTRY

- 12.3 OIL & GAS INDUSTRY
- 12.4 POWER GENERATION INDUSTRY
- 12.5 WATER SUPPLY AND WASTEWATER TREATMENT INDUSTRY
- 12.6 FOOD & BEVERAGES INDUSTRY
- 12.7 AGRICULTURE
- 12.8 CHEMICALS INDUSTRY
- 12.9 CEMENT INDUSTRY
- 12.10 OTHER INDUSTRIES

13 GEOGRAPHIC ANALYSIS

- 13.1 INTRODUCTION
- 13.2 NORTH AMERICA
 - 13.2.1 US
 - 13.2.2 CANADA
 - 13.2.3 MEXICO
- 13.3 EUROPE
 - 13.3.1 GERMANY
 - 13.3.2 UK
 - 13.3.3 FRANCE
 - 13.3.4 REST OF EUROPE
- 13.4 ASIA PACIFIC
 - 13.4.1 CHINA
 - 13.4.2 JAPAN
 - 13.4.3 INDIA
 - 13.4.4 REST OF ASIA PACIFIC
- 13.5 REST OF WORLD
 - 13.5.1 MIDDLE EAST AND AFRICA
 - 13.5.2 SOUTH AMERICA

14 COMPETITIVE LANDSCAPE

- 14.1 OVERVIEW
- 14.2 MARKET RANKING ANALYSIS OF MOTOR MANAGEMENT AND CONTROL DEVICE MARKET
- 14.3 MOTOR MANAGEMENT AND CONTROL DEVICE MARKET, COMPETITIVE LEADERSHIP MAPPING, 2017
 - 14.3.1 INTRODUCTION
 - 14.3.2 VISIONARY LEADERS

- 14.3.3 DYNAMIC DIFFERENTIATORS
- 14.3.4 INNOVATORS
- 14.3.5 EMERGING COMPANIES
- 14.3.6 MOTOR MANAGEMENT AND CONTROL DEVICE MARKET
- 14.4 STRENGTH OF PRODUCT PORTFOLIO
- 14.5 BUSINESS STRATEGY EXCELLENCE

*Top 25 companies analyzed for this study are - ABB Ltd. (Switzerland), Ametek, Inc. (US), Anaheim Automation Inc. (US), Analog Devices, Inc. (US), Arm Holdings Plc (UK), Bartec GmbH (Germany), Bosch Rexroth AG (Germany), Boston Engineering (US), c3controls (US), Eaton Corporation Plc (Ireland), Fanox Electronic S.L (Spain), Fuji Electric Co. Ltd (Japan), General Electric (US), Hitachi, Ltd.(Japan), IAR System (Sweden), Larsen & Toubro (L&T) (India), Mitsubishi Electric Corporation (Japan), Nanotec Electronic GmbH & Co. Kg (Germany), Renesas Electronics (Japan), Rockwell Automation (US), Schneider Electric SE (France), Siemens AG (Germany), Texas Instruments (US), Velmex Inc. (US), WEG SA (Brazil)

14.6 COMPETITIVE SITUATION AND TRENDS

15 COMPANY PROFILES

(Business Overview, Products offered & Services strategies, Key Insights, Recent Developments, MnM View)*

- 15.1 INTRODUCTION
- 15.2 ABB LTD
- 15.3 ANALOG DEVICES, INC.
- 15.4 EATON CORPORATION
- 15.5 GENERAL ELECTRIC (GE)
- 15.6 HITACHI LTD.
- 15.7 MITSUBISHI ELECTRIC CORPORATION
- 15.8 ROCKWELL AUTOMATION
- 15.9 SCHNEIDER ELECTRIC SE
- 15.10 SIEMENS AG
- 15.11 TEXAS INSTRUMENTS INC.
- 15.12 KEY INNOVATORS
 - 15.12.1 AMETEK, INC.
 - 15.12.2 FUJI ELECTRIC CO., LTD.
 - 15.12.3 LARSEN & TOUBRO

15.12.4 NANOTEC ELECTRONIC GMBH & CO. KG
15.12.5 WEG SA

*Details on Business Overview, Products offered & Services strategies, Key Insights, Recent Developments, MnM View might not be captured in case of unlisted companies.

16 APPENDIX

16.1 INSIGHTS OF INDUSTRY EXPERTS
16.2 DISCUSSION GUIDE
16.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
16.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
16.5 AVAILABLE CUSTOMIZATIONS
16.6 RELATED REPORTS
16.7 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 MMCD MARKET, BY PRODUCT & SERVICE, 2014–2023 (USD MILLION)

Table 2 MMCD MARKET FOR HARDWARE, BY COMPONENT, 2014–2023 (USD MILLION)

Table 3 MMCD MARKET FOR SOFTWARE & SOLUTION SERVICES, BY TYPE, 2014–2023 (USD MILLION)

Table 4 MMCD MARKET, BY MOTOR TYPE, 2014–2023 (USD MILLION)

Table 5 MMCD MARKET, BY MOTOR CONTROL TYPE, 2014–2023 (USD MILLION)

Table 6 MMCD MARKET, BY VOLTAGE RANGE, 2014–2023 (USD MILLION)

Table 7 MMCD MARKET, BY APPLICATION, 2014–2023 (USD MILLION)

Table 8 MMCD MARKET FOR PUMPS, BY REGION, 2014–2023 (USD MILLION)

Table 9 MMCD MARKET FOR PUMPS FOR OIL & GAS, BY REGION, 2014–2023 (USD MILLION)

Table 10 MMCD MARKET FOR PUMPS FOR METALS & MINING, BY REGION, 2014–2023 (USD MILLION)

Table 11 MMCD MARKET FOR PUMPS FOR POWER GENERATION, BY REGION, 2014–2023 (USD MILLION)

Table 12 MMCD MARKET FOR PUMPS FOR CHEMICALS, BY REGION, 2014–2023 (USD MILLION)

Table 13 MMCD MARKET FOR PUMPS FOR CEMENT, BY REGION, 2014–2023 (USD MILLION)

Table 14 MMCD MARKET FOR PUMPS FOR FOOD & BEVERAGES, BY REGION, 2014–2023 (USD MILLION)

Table 15 MMCD MARKET FOR PUMPS FOR AGRICULTURE, BY REGION, 2014–2023 (USD MILLION)

Table 16 MMCD MARKET FOR PUMPS FOR WATER SUPPLY AND WASTEWATER TREATMENT, BY REGION, 2014–2023 (USD MILLION)

Table 17 MMCD MARKET FOR PUMPS FOR OTHER INDUSTRIES, BY REGION, 2014–2023 (USD MILLION)

Table 18 MMCD MARKET FOR COMPRESSORS, BY REGION, 2014–2023 (USD MILLION)

Table 19 MMCD MARKET FOR COMPRESSORS FOR OIL & GAS, BY REGION, 2014–2023 (USD MILLION)

Table 20 MMCD MARKET FOR COMPRESSORS FOR METALS & MINING, BY REGION, 2014–2023 (USD MILLION)

Table 21 MMCD MARKET FOR COMPRESSORS FOR POWER GENERATION, BY

REGION, 2014–2023 (USD MILLION)

Table 22 MMCD MARKET FOR COMPRESSORS FOR CHEMICALS, BY REGION, 2014–2023 (USD MILLION)

Table 23 MMCD MARKET FOR COMPRESSORS FOR CEMENT, BY REGION, 2014–2023 (USD MILLION)

Table 24 MMCD MARKET FOR COMPRESSORS FOR FOOD & BEVERAGES, BY REGION, 2014–2023 (USD MILLION)

Table 25 MMCD MARKET FOR COMPRESSORS FOR AGRICULTURE, BY REGION, 2014–2023 (USD MILLION)

Table 26 MMCD MARKET FOR COMPRESSOR FOR WATER SUPPLY AND WASTEWATER TREATMENT, BY REGION, 2014–2023 (USD MILLION)

Table 27 MMCD MARKET FOR COMPRESSORS FOR OTHER INDUSTRIES, BY REGION, 2014–2023 (USD MILLION)

Table 28 MMCD MARKET FOR MATERIAL HANDLING, BY REGION, 2014–2023 (USD MILLION)

Table 29 MMCD MARKET FOR MATERIAL HANDLING FOR OIL & GAS, BY REGION, 2014–2023 (USD MILLION)

Table 30 MMCD MARKET FOR MATERIAL HANDLING FOR METALS & MINING, BY REGION, 2014–2023 (USD MILLION)

Table 31 MMCD MARKET FOR MATERIAL HANDLING FOR POWER GENERATION, BY REGION, 2014–2023 (USD MILLION)

Table 32 MMCD MARKET FOR MATERIAL HANDLING FOR CHEMICALS, BY REGION, 2014–2023 (USD MILLION)

Table 33 MMCD MARKET FOR MATERIAL HANDLING FOR CEMENT, BY REGION, 2014–2023 (USD MILLION)

Table 34 MMCD MARKET FOR MATERIAL HANDLING FOR FOOD & BEVERAGES, BY REGION, 2014–2023 (USD MILLION)

Table 35 MMCD MARKET FOR MATERIAL HANDLING FOR AGRICULTURE, BY REGION, 2014–2023 (USD MILLION)

Table 36 MMCD MARKET FOR MATERIAL HANDLING FOR WATER SUPPLY AND WASTEWATER TREATMENT, BY REGION, 2014–2023 (USD MILLION)

Table 37 MMCD MARKET FOR MATERIAL HANDLING FOR OTHER INDUSTRIES, BY REGION, 2014–2023 (USD MILLION)

Table 38 MMCD MARKET FOR OTHERS, BY REGION, 2014–2023 (USD MILLION)

Table 39 MMCD MARKET FOR OTHERS FOR OIL & GAS, BY REGION, 2014–2023 (USD MILLION)

Table 40 MMCD MARKET FOR OTHERS FOR METALS & MINING, BY REGION, 2014–2023 (USD MILLION)

Table 41 MMCD MARKET FOR OTHERS FOR POWER GENERATION, BY REGION,

2014–2023 (USD MILLION)

Table 42 MMCD MARKET FOR OTHERS FOR CHEMICALS, BY REGION, 2014–2023 (USD MILLION)

Table 43 MMCD MARKET FOR OTHERS FOR CEMENT, BY REGION, 2014–2023 (USD MILLION)

Table 44 MMCD MARKET FOR OTHERS FOR FOOD & BEVERAGES, BY REGION, 2014–2023 (USD MILLION)

Table 45 MMCD MARKET FOR OTHERS FOR AGRICULTURE, BY REGION, 2014–2023 (USD MILLION)

Table 46 MMCD MARKET FOR OTHERS FOR WATER SUPPLY AND WASTEWATER TREATMENT, BY REGION, 2014–2023 (USD MILLION)

Table 47 MMCD MARKET FOR OTHER APPLICATIONS FOR OTHER INDUSTRIES, BY REGION, 2014–2023 (USD MILLION)

Table 48 MMCD MARKET, BY INDUSTRY, 2014–2023 (USD MILLION)

Table 49 MMCD MARKET FOR METALS & MINING INDUSTRY, BY APPLICATION, 2014–2023 (USD MILLION)

Table 50 MMCD MARKET FOR METALS & MINING INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 51 MMCD MARKET FOR THE OIL & GAS INDUSTRY, BY APPLICATION, 2014–2023 (USD MILLION)

Table 52 MMCD MARKET FOR OIL & GAS INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 53 MMCD MARKET FOR POWER GENERATION INDUSTRY, BY APPLICATION, 2014–2023 (USD MILLION)

Table 54 MMCD MARKET FOR POWER GENERATION INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 55 MMCD MARKET FOR WATER SUPPLY AND WASTEWATER TREATMENT INDUSTRY, BY APPLICATION, 2014–2023 (USD MILLION)

Table 56 MMCD MARKET FOR WATER SUPPLY AND WASTEWATER TREATMENT INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 57 MMCD MARKET FOR FOOD & BEVERAGES INDUSTRY, BY APPLICATION, 2014–2023 (USD MILLION)

Table 58 MMCD MARKET FOR FOOD & BEVERAGES INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 59 MMCD MARKET FOR AGRICULTURE INDUSTRY, BY APPLICATION, 2014–2023 (USD MILLION)

Table 60 MMCD MARKET FOR AGRICULTURE INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 61 MMCD MARKET FOR CHEMICALS INDUSTRY, BY APPLICATION,

2014–2023 (USD MILLION)

Table 62 MMCD MARKET FOR CHEMICALS INDUSTRY, BY REGION, 2014–2023
(USD MILLION)

Table 63 MMCD MARKET FOR CEMENT INDUSTRY, BY APPLICATION, 2014–2023
(USD MILLION)

Table 64 MMCD MARKET FOR CEMENT INDUSTRY, BY REGION, 2014–2023 (USD
MILLION)

Table 65 MMCD MARKET FOR OTHER INDUSTRIES, BY APPLICATION, 2014–2023
(USD MILLION)

Table 66 MMCD MARKET FOR OTHER INDUSTRIES, BY REGION, 2014–2023 (USD
MILLION)

Table 67 MMCD MARKET, BY REGION, 2014–2023 (USD MILLION)

Table 68 MMCD MARKET IN NORTH AMERICA, BY COUNTRY, 2014–2023 (USD
MILLION)

Table 69 MMCD MARKET IN EUROPE, BY COUNTRY, 2014–2023 (USD MILLION)

Table 70 MMCD MARKET IN ASIA PACIFIC, BY COUNTRY, 2014–2023 (USD
MILLION)

Table 71 MMCD MARKET IN ROW, BY REGION, 2014–2023 (USD MILLION)

Table 72 RANKING OF KEY PLAYERS IN THE MMCD MARKET, 2016

List Of Figures

LIST OF FIGURES

Figure 1 MARKETS COVERED IN THE MOTOR MANAGEMENT AND CONTROL DEVICE MARKET REPORT

Figure 2 RESEARCH DESIGN

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 5 MARKET BREAKDOWN DATA TRIANGULATION APPROACH

Figure 6 ASSUMPTIONS OF THE RESEARCH STUDY

Figure 7 HARDWARE EXPECTED TO HOLD THE LARGEST SIZE OF THE MMCD MARKET DURING 2017–2023

Figure 8 ASYNCHRONOUS MOTOR EXPECTED TO HOLD THE LARGEST SHARE OF THE MMCD MARKET DURING 2017–2023

Figure 9 AUTOMATIC CONTROL EXPECTED TO HOLD THE LARGEST SHARE OF THE MMCD DEVICE IN DURING 2017–2023

Figure 10 LOW-VOLTAGE ELECTRIC MOTORS EXPECTED TO LEAD THE MMCD MARKET DURING THE 2017–2023

Figure 11 PUMP APPLICATION EXPECTED TO DOMINATE THE MMCD MARKET DURING THE 2017–2023

Figure 12 MMCD MARKET FOR THE METALS & MINING INDUSTRY EXPECTED TO GROW AT THE HIGHEST RATE DURING 2017–2023

Figure 13 ASIA PACIFIC EXPECTED TO DOMINATE THE MMCD MARKET DURING 2017–2023

Figure 14 ATTRACTIVE GROWTH OPPORTUNITIES IN THE MMCD MARKET (2017–2023)

Figure 15 ASYNCHRONOUS MMCD MARKET EXPECTED TO GROW AT A HIGH CAGR BETWEEN 2017 AND 2023

Figure 16 LOW-VOLTAGE MOTORS EXPECTED TO LEAD THE MMCD MARKET IN 2017

Figure 17 AUTOMATIC MOTOR MANAGEMENT AND CONTROLLERS EXPECTED TO LEAD THE MARKET IN 2017

Figure 18 PUMPS APPLICATION EXPECTED TO LEAD THE MOTOR MANAGEMENT AND CONTROLLERS MARKET IN 2017

Figure 19 OIL & GAS INDUSTRY EXPECTED TO HOLD THE LARGEST SHARE OF THE MMCD MARKET IN 2017

Figure 20 US TO HOLD THE LARGEST SHARE OF THE MMCD MARKET IN 2017

Figure 21 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES FOR THE

MMCD MARKET

Figure 22 SNAPSHOT: CRUDE OIL MONTHLY PRICE, USD/BARREL (2013–2017)

Figure 23 MOTOR MANAGEMENT AND CONTROL DEVICES SUPPLY CHAIN ANALYSIS

Figure 24 HARDWARE EXPECTED TO HOLD THE LARGER SIZE OF THE MMCD MARKET BY 2023

Figure 25 SOFT STARTERS WITH MICROCONTROLLERS EXPECTED TO LEAD THE MMCD HARDWARE MARKET DURING THE FORECAST PERIOD

Figure 26 SENSING & FAULT DETECTION EXPECTED TO HOLD THE LARGEST SIZE OF THE MMCD SOFTWARE MARKET BETWEEN 2017 AND 2023

Figure 27 ASYNCHRONOUS MOTOR EXPECTED TO HOLD THE LARGER SIZE OF THE MMCD MARKET BETWEEN 2017 AND 2023

Figure 28 AUTOMATIC CONTROL EXPECTED TO HOLD THE LARGEST SIZE OF THE MMCD MARKET DURING THE FORECAST PERIOD

Figure 29 MMCD MARKET FOR LOW-VOLTAGE ELECTRIC MOTORS EXPECTED TO HOLD THE LARGEST MARKET SIZE BY 2023

Figure 30 PUMPS APPLICATION EXPECTED TO HOLD THE LARGEST SIZE OF THE MMCD MARKET DURING THE FORECAST PERIOD

Figure 31 MMCD MARKET FOR PUMPS APPLICATION IN NORTH AMERICA EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 32 NORTH AMERICA EXPECTED LEAD THE MMCD MARKET FOR THE PUMP APPLICATION FOR THE OIL & GAS INDUSTRY DURING THE FORECAST PERIOD

Figure 33 ASIA PACIFIC TO LEAD THE MMCD MARKET FOR THE PUMPS APPLICATION FOR THE CHEMICALS INDUSTRY DURING THE FORECAST PERIOD

Figure 34 EUROPE TO LEAD THE MMCD MARKET FOR PUMPS FOR OTHER INDUSTRIES DURING THE FORECAST PERIOD

Figure 35 ASIA PACIFIC EXPECTED TO LEAD THE MMCD MARKET FOR COMPRESSORS DURING THE FORECAST PERIOD

Figure 36 ASIA PACIFIC TO LEAD THE MMCD MARKET FOR COMPRESSORS FOR METALS & MINING INDUSTRY DURING THE FORECAST PERIOD

Figure 37 APAC TO LEAD THE MMCD MARKET FOR THE COMPRESSOR APPLICATION FOR THE CEMENT INDUSTRY DURING THE FORECAST PERIOD

Figure 38 APAC TO LEAD THE MMCD MARKET FOR THE COMPRESSOR APPLICATION FOR THE WATER SUPPLY AND WASTEWATER TREATMENT INDUSTRY DURING THE FORECAST PERIOD

Figure 39 APAC TO LEAD THE MMCD MARKET FOR THE MATERIAL HANDLING APPLICATION IN ASIA PACIFIC DURING THE FORECAST PERIOD

Figure 40 APAC TO LEAD THE MMCD MARKET FOR THE MATERIAL HANDLING APPLICATION FOR THE METALS & MINING INDUSTRY DURING THE FORECAST PERIOD

Figure 41 APAC TO LEAD THE MMCD MARKET FOR THE MATERIAL HANDLING APPLICATION FOR THE CEMENT INDUSTRY DURING THE FORECAST PERIOD

Figure 42 APAC TO WITNESS THE HIGHEST CAGR FOR MMCD IN MATERIAL HANDLING IN WATER TREATMENT INDUSTRY DURING THE FORECAST PERIOD

Figure 43 APAC TO LEAD THE MMCD MARKET FOR OTHER APPLICATIONS FOR THE POWER GENERATION DURING THE FORECAST PERIOD

Figure 44 APAC TO LEAD THE MMCD MARKET FOR OTHER APPLICATIONS FOR THE CEMENT INDUSTRY DURING THE FORECAST PERIOD

Figure 45 APAC TO WITNESS THE HIGHEST CAGR FOR MMCD IN OTHER APPLICATIONS FOR THE AGRICULTURE INDUSTRY DURING THE FORECAST PERIOD

Figure 46 METALS & MINING INDUSTRY EXPECTED TO HOLD THE LARGEST SIZE OF THE MMCD MARKET BY 2023

Figure 47 NORTH AMERICA EXPECTED TO DOMINATE THE MMCD MARKET FOR THE OIL & GAS INDUSTRY BETWEEN 2017 AND 2023

Figure 48 MMCD MATERIAL HANDLING MARKET FOR THE POWER GENERATION INDUSTRY TO GROW AT THE HIGHEST CAGR BY 2023

Figure 49 MMCD MARKET FOR THE WATER SUPPLY AND WASTEWATER TREATMENT IN EUROPE EXPECTED TO GROW AT THE HIGHEST RATE BY 2023

Figure 50 MMCD MARKET FOR COMPRESSORS IN THE FOOD & BEVERAGES INDUSTRY TO GROW AT THE HIGHEST CAGR BY 2023

Figure 51 ASIA PACIFIC EXPECTED TO HOLD THE LARGEST SIZE OF THE MMCD MARKET FOR THE AGRICULTURE INDUSTRY DURING THE FORECAST PERIOD

Figure 52 NORTH AMERICA EXPECTED TO WITNESS THE HIGHEST CAGR FOR THE MMCD MARKET FOR CEMENT INDUSTRY DURING THE FORECAST PERIOD

Figure 53 REST OF APAC TO WITNESS THE HIGHEST GROWTH RATE IN THE MMCD MARKET DURING THE FORECAST PERIOD

Figure 54 NORTH AMERICA: MMCD MARKET SNAPSHOT

Figure 55 MMCD MARKET IN EUROPE: SNAPSHOT

Figure 56 GERMANY LIKELY TO DOMINATE THE EUROPEAN MMCD MARKET DURING THE FORECAST PERIOD

Figure 57 MMCD MARKET IN ASIA PACIFIC: SNAPSHOT

Figure 58 MIDDLE EAST & AFRICA TO LEAD THE MMCD MARKET IN ROW DURING THE FORECAST PERIOD

Figure 59 PRODUCT DEVELOPMENT WAS THE KEY GROWTH STRATEGY ADOPTED BY THE COMPANIES BETWEEN 2014 AND 2017

Figure 60 COMPETITIVE LEADERSHIP MAPPING, 2017

Figure 61 MARKET EVOLUTION FRAMEWORK: NEW PRODUCT DEVELOPMENTS
FUELLED THE GROWTH OF THE MOTOR MANAGEMENT AND CONTROL
MARKET

Figure 62 PRODUCT LAUNCHES & DEVELOPMENTS—THE KEY STRATEGIES
ADOPTED BY PLAYERS BETWEEN 2014 AND 2017

Figure 63 ABB LTD.: COMPANY SNAPSHOT

Figure 64 ANALOG DEVICES, INC.: COMPANY SNAPSHOT

Figure 65 EATON CORPORATION: COMPANY SNAPSHOT

Figure 66 GENERAL ELECTRIC (GE),: COMPANY SNAPSHOT

Figure 67 HITACHI LTD.: COMPANY SNAPSHOT

Figure 68 MITSUBISHI ELECTRIC CORPORATION COMPANY SNAPSHOT

Figure 69 ROCKWELL AUTOMATION: COMPANY SNAPSHOT

Figure 70 SCHNEIDER ELECTRIC SE: COMPANY SNAPSHOT

Figure 71 SIEMENS AG: COMPANY SNAPSHOT

Figure 72 TEXAS INSTRUMENTS INC.,: COMPANY SNAPSHOT

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