

Digital Fault Recorder Market by Type (Dedicated and Multifunctional), Installation (Generation, Transmission, and Distribution), Station (Nonautomated and Automated), Voltage (Less Than 66 kV, 66–220 kV, and Above 220 kV) - Global Forecast to 2023

<https://marketpublishers.com/r/D87DDA53944EN.html>

Date: June 2018

Pages: 113

Price: US\$ 5,650.00 (Single User License)

ID: D87DDA53944EN

Abstracts

“The digital fault recorder market is projected to grow at a CAGR of 4.76% from 2018 to 2023.”

The global digital fault recorder market is estimated to be USD 363.1 million in 2018 and is projected to grow at a CAGR of 4.76 % to reach USD 458.2 million by 2023. The growth of this market is driven by the growing need for reliable power supply system and growing demand for digital substation. High initial investment act as a restraint for the global digital fault recorder market.

“The market for 66–220 kV is expected to grow at the highest CAGR.”

The market for 66–220 KV is expected to grow at the highest CAGR from 2018 to 2023. The growth in investment of transmission & distribution infrastructure, for the creation of reliable power supply system, is driving the demand for digital fault recorders in this segment.

“Asia Pacific: The largest market for digital fault recorder.”

Asia Pacific is the fastest-growing market for digital fault recorders. The region witnesses a high demand for electricity due to fast developing economies such as India

and China. According to Asia Development Bank (ADB), an investment of about USD 944 billion is planned in Asia Pacific by 2020 to meet energy efficiency targets. Japan, China, and India are making investments in the transmission & distribution segment; China accounted for the largest share of the digital fault recorder market in Asia Pacific in 2017. The country is an export-oriented economy and has witnessed exponential growth in the demand for electricity in the past couple of decades, fuelled by high industrialization and infrastructural developments, leading to investment in reliable T&D networks.

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 to obtain and verify critical qualitative and quantitative information as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1 = 48%, Tier 2 = 38%, Tier 3 = 14%

By Designation: C-Level = 20%, Director Level = 35%, Others = 45%

By Region: North America = 25%, Europe = 18%, Asia Pacific = 30%, South America = 7%, the Middle East = 20%

AMETEK.Inc. (US), DUCATI Energia Spa (Italy), ERLPhase Power Technologies Ltd. (Canada), Elspec LTD (Israel), General Electric Company (US), KoCoS Messtechnik AG (UK), Kinkei System Corporation (Japan), LogicLab s.r.l. (Italy), Prosoft-Systems Ltd. (Russia), Qualitrol Company LLC (US), and Siemens AG (Germany), are some of the prominent players in the market.

Research Coverage:

The report defines, describes, and forecasts the global digital fault recorder market by type, installation, voltage, station, and region. It also offers a detailed qualitative and quantitative analysis of the market. The report provides a comprehensive review of the major market drivers, restraints, opportunities, challenges, winning imperatives, and key issues. It also covers various important aspects of the market.

Why buy this report?

1. The report identifies and addresses key markets for digital fault recorder market, which would help suppliers review the growth in the demand for the product.
2. The report helps solution providers understand the pulse of the market and provide insights into drivers, restraints, and challenges.
3. The report will help key players understand the strategies of their competitors better and will help in making strategic decisions.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 REGIONAL SCOPE
 - 1.3.3 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
 - 2.1.2.2 Key industry insights
 - 2.1.2.3 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
- 2.3 DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE DIGITAL FAULT RECORDER MARKET DURING THE FORECAST PERIOD
- 4.2 DIGITAL FAULT RECORDER MARKET, BY INSTALLATION
- 4.3 DIGITAL FAULT RECORDER MARKET, BY STATION
- 4.4 DIGITAL FAULT RECORDER MARKET, BY VOLTAGE
- 4.5 ASIA PACIFIC DIGITAL FAULT RECORDER MARKET SIZE, BY STATION &

COUNTRY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Growing need for reliable power supply system

5.2.1.2 Growing demand for digital substations

5.2.2 RESTRAINT

5.2.2.1 High Initial investment

5.2.3 OPPORTUNITY

5.2.3.1 Growing adoption of IEC 61850

5.2.3.2 Growing investments in renewable energy projects in Asia Pacific

5.2.4 CHALLENGES

5.2.4.1 Cyber security issues for processor based devices

5.2.4.2 Inadequate data management

6 DIGITAL FAULT RECORDER MARKET, BY VOLTAGE

6.1 INTRODUCTION

6.2 LESS THAN 66 KV

6.3 66 – 220KV

6.4 ABOVE 220 KV

7 DIGITAL FAULT RECORDER MARKET, BY INSTALLATION

7.1 INTRODUCTION

7.2 GENERATION

7.3 TRANSMISSION

7.4 DISTRIBUTION

8 DIGITAL FAULT RECORDER MARKET, BY STATION

8.1 INTRODUCTION

8.2 NONAUTOMATED

8.3 AUTOMATED

9 DIGITAL FAULT RECORDER MARKET, BY REGION

9.1 INTRODUCTION

9.2 ASIA PACIFIC

9.2.1 CHINA

9.2.2 INDIA

9.2.3 AUSTRALIA

9.2.4 JAPAN

9.2.5 SOUTH KOREA

9.2.6 REST OF ASIA PACIFIC

9.3 NORTH AMERICA

9.3.1 US

9.3.2 CANADA

9.3.3 MEXICO

9.4 EUROPE

9.4.1 GERMANY

9.4.2 RUSSIA

9.4.3 UK

9.4.4 FRANCE

9.4.5 NORWAY

9.4.6 TURKEY

9.4.7 REST OF EUROPE

9.5 MIDDLE EAST & AFRICA

9.5.1 SAUDI ARABIA

9.5.2 EGYPT

9.5.3 UAE

9.5.4 IRAN

9.5.5 SOUTH AFRICA

9.5.6 KUWAIT

9.5.7 REST OF MIDDLE EAST & AFRICA

9.6 SOUTH AMERICA

9.6.1 BRAZIL

9.6.2 ARGENTINA

9.6.3 REST OF SOUTH AMERICA

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 RANKING OF PLAYERS & INDUSTRY CONCENTRATION, 2016

10.3 COMPETITIVE SCENARIO

- 10.3.1 CONTRACTS & AGREEMENTS
- 10.3.2 NEW PRODUCT DEVELOPMENTS
- 10.3.3 AWARDS AND RECOGNITION

11 COMPANY PROFILE

11.1 BENCHMARKING

(Business overview, Products offered)*

- 11.2 GE
- 11.3 SIEMENS
- 11.4 AMETEK
- 11.5 QUALITROL
- 11.6 ERLPHASE
- 11.7 DUCATI ENERGIA
- 11.8 ELSPEC
- 11.9 E-MAX INSTRUMENTS
- 11.10 KINKEI
- 11.11 KOCOS
- 11.12 LOGICLAB
- 11.13 MEHTA TECH
- 11.14 PROCOM SYSTEMS
- 11.15 PROSOFT SYSTEMS

*Business overview, Products offered analysis might not be captured in case of unlisted companies.

12 APPENDIX

- 12.1 INSIGHTS OF INDUSTRY EXPERTS
- 12.2 DISCUSSION GUIDE:
- 12.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 12.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 12.5 AVAILABLE CUSTOMIZATIONS
- 12.6 RELATED REPORTS
- 12.7 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 DIGITAL FAULT RECORDER MARKET SNAPSHOT

Table 2 DIGITAL FAULT RECORDER MARKET, BY VOLTAGE, 2016–2023 (USD MILLION)

Table 3 LESS THAN 66 KV: DIGITAL FAULT RECORDER MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 4 66–220 KV: DIGITAL FAULT RECORDER MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 5 ABOVE 220 KV: DIGITAL FAULT RECORDER MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 6 DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 7 GENERATION: DIGITAL FAULT RECORDER MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 8 TRANSMISSION: DIGITAL FAULT RECORDER MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 9 DISTRIBUTION: DIGITAL FAULT RECORDER MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 10 DIGITAL FAULT RECORDER MARKET SIZE, BY STATION, 2016–2023 (USD MILLION)

Table 11 NONAUTOMATED: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 12 NONAUTOMATED: DIGITAL FAULT RECORDER MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 13 AUTOMATED: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 14 AUTOMATED: DIGITAL FAULT RECORDER MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)

Table 15 DIGITAL FAULT RECORDER MARKET, BY REGION, 2016–2023 (USD MILLION)

Table 16 ASIA PACIFIC: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 17 ASIA PACIFIC: DIGITAL FAULT RECORDER MARKET SIZE, BY STATION, 2016–2023 (USD MILLION)

Table 18 ASIA PACIFIC: DIGITAL FAULT RECORDER MARKET SIZE, BY VOLTAGE, 2016–2023 (USD MILLION)

Table 19 ASIA PACIFIC: DIGITAL FAULT RECORDER MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 20 CHINA: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 21 INDIA: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 22 AUSTRALIA: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 23 JAPAN: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 24 SOUTH KOREA: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 25 REST OF ASIA PACIFIC: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 26 NORTH AMERICA: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 27 NORTH AMERICA: DIGITAL FAULT RECORDER MARKET SIZE, BY STATION, 2016–2023 (USD MILLION)

Table 28 NORTH AMERICA: DIGITAL FAULT RECORDER MARKET SIZE, BY VOLTAGE, 2016–2023 (USD MILLION)

Table 29 NORTH AMERICA: DIGITAL FAULT RECORDER MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 30 US: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 31 CANADA: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 32 MEXICO: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 33 EUROPE: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 34 EUROPE: DIGITAL FAULT RECORDER MARKET SIZE, BY STATION, 2016–2023 (USD MILLION)

Table 35 EUROPE: DIGITAL FAULT RECORDER MARKET SIZE, BY VOLTAGE, 2016–2023 (USD MILLION)

Table 36 EUROPE: DIGITAL FAULT RECORDER MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 37 GERMANY: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 38 RUSSIA: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION,

2016–2023 (USD MILLION)

Table 39 UK: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION,
2016–2023 (USD MILLION)

Table 40 FRANCE: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION,
2016–2023 (USD MILLION)

Table 41 NORWAY: DIGITAL FAULT RECORDER MARKET SIZE, BY
INSTALLATION, 2016–2023 (USD MILLION)

Table 42 TURKEY: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION,
2016–2023 (USD MILLION)

Table 43 REST OF EUROPE: DIGITAL FAULT RECORDER MARKET SIZE, BY
INSTALLATION, 2016–2023 (USD MILLION)

Table 44 MIDDLE EAST & AFRICA: DIGITAL FAULT RECORDER MARKET SIZE, BY
INSTALLATION, 2016–2023 (USD MILLION)

Table 45 MIDDLE EAST & AFRICA: DIGITAL FAULT RECORDER MARKET SIZE, BY
STATION, 2016–2023 (USD MILLION)

Table 46 MIDDLE EAST & AFRICA: DIGITAL FAULT RECORDER MARKET SIZE, BY
VOLTAGE, 2016–2023 (USD MILLION)

Table 47 MIDDLE EAST & AFRICA: DIGITAL FAULT RECORDER MARKET SIZE, BY
COUNTRY, 2016–2023 (USD MILLION)

Table 48 SAUDI ARABIA: DIGITAL FAULT RECORDER MARKET SIZE, BY
INSTALLATION, 2016–2023 (USD MILLION)

Table 49 EGYPT: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION,
2016–2023 (USD MILLION)

Table 50 UAE: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION,
2016–2023 (USD MILLION)

Table 51 IRAN: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION,
2016–2023 (USD MILLION)

Table 52 SOUTH AFRICA: DIGITAL FAULT RECORDER MARKET SIZE, BY
INSTALLATION, 2016–2023 (USD MILLION)

Table 53 KUWAIT: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION,
2016–2023 (USD MILLION)

Table 54 REST OF MIDDLE EAST & AFRICA: DIGITAL FAULT RECORDER MARKET
SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 55 SOUTH AMERICA: DIGITAL FAULT RECORDER MARKET SIZE, BY
INSTALLATION, 2016–2023 (USD MILLION)

Table 56 SOUTH AMERICA: DIGITAL FAULT RECORDER MARKET SIZE, BY
STATION, 2016–2023 (USD MILLION)

Table 57 SOUTH AMERICA: DIGITAL FAULT RECORDER MARKET SIZE, BY
VOLTAGE, 2016–2023 (USD MILLION)

Table 58 SOUTH AMERICA: DIGITAL FAULT RECORDER MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 59 BRAZIL: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 60 ARGENTINA: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 61 REST OF SOUTH AMERICA: DIGITAL FAULT RECORDER MARKET SIZE, BY INSTALLATION, 2016–2023 (USD MILLION)

Table 62 GE, THE MOST ACTIVE PLAYER IN THE MARKET, 2015–2017

List Of Figures

LIST OF FIGURES

Figure 1 RESEARCH DESIGN

Figure 2 BOTTOM-UP APPROACH

Figure 3 TOP-DOWN APPROACH

Figure 4 ASIA PACIFIC HELD THE LARGEST SHARE OF THE DIGITAL FAULT RECORDER MARKET IN 2017

Figure 5 TRANSMISSION SEGMENT IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 6 AUTOMATED SEGMENT IS EXPECTED TO LEAD THE DIGITAL FAULT RECORDER MARKET, BY STATION , DURING THE FORECAST PERIOD

Figure 7 66 – 220 KV SEGMENT IS EXPECTED TO GROW AT THE HIGHEST CAGR, DURING THE FORECAST PERIOD

Figure 8 GROWING NEED FOR RELIABLE POWER SUPPLY SYSTEM DRIVES THE DIGITAL FAULT RECORDER MARKET, 2018–2023

Figure 9 TRANSMISSION SEGMENT HELD THE LARGEST SHARE OF THE DIGITAL FAULT RECORDER MARKET IN 2017

Figure 10 AUTOMATED SEGMENT LED THE DIGITAL FAULT RECORDER MARKET IN 2017

Figure 11 66–220 KV SEGMENT IS EXPECTED TO LEAD THE DIGITAL FAULT RECORDER MARKET DURING FORECAST PERIOD

Figure 12 ASIA PACIFIC MULTIFUNCTIONAL SEGMENT LED THE DIGITAL FAULT RECORDER MARKET IN 2017

Figure 13 GROWING NEED FOR RELIABLE POWER SUPPLY SYSTEM IS EXPECTED TO DRIVE THE DIGITAL FAULT RECORDER MARKET DURING THE FORECAST PERIOD

Figure 14 THE 66–220 KV VOLTAGE SEGMENT IS EXPECTED TO HAVE THE LARGEST MARKET SHARE DURING THE FORECAST PERIOD

Figure 15 TRANSMISSION SEGMENT DOMINATES THE DIGITAL FAULT RECORDER MARKET IN 2023

Figure 16 AUTOMATED SEGMENT DOMINATES THE DIGITAL FAULT RECORDER MARKET IN 2018

Figure 17 REGIONAL SNAPSHOT: THE MARKET IN ASIA PACIFIC IS EXPECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 18 DIGITAL FAULT RECORDER MARKET SHARE, BY REGION, 2017

Figure 19 ASIA PACIFIC: DIGITAL FAULT RECORDER MARKET SNAPSHOT

Figure 20 EUROPE: DIGITAL FAULT RECORDER MARKET SNAPSHOT

Figure 21 KEY DEVELOPMENTS IN THE DIGITAL FAULT RECORDER MARKET,
2015–2018

Figure 22 GE LED THE DIGITAL FAULT RECORDER MARKET IN 2017

Figure 23 GE: COMPANY SNAPSHOT

Figure 24 SIEMENS: COMPANY SNAPSHOT

Figure 25 AMETEK: COMPANY SNAPSHOT

I would like to order

Product name: Digital Fault Recorder Market by Type (Dedicated and Multifunctional), Installation (Generation, Transmission, and Distribution), Station (Nonautomated and Automated), Voltage (Less Than 66 kV, 66–220 kV, and Above 220 kV) - Global Forecast to 2023

Product link: <https://marketpublishers.com/r/D87DDA53944EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/D87DDA53944EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970