

Global Protective Relay Market Size study, by Voltage Range (High-Voltage Protective Relay, Medium-Voltage Protective Relay, Low-Voltage Protective Relay), by Application (Feeder Protection, Transmission Line Protection, Motor Protection, Transformer Protection, Generator Protection), by End-User (Utilities, Industries, Renewable, Marine) and Regional Forecasts 2019-2026

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Abstracts

Global Protective Relay Market is valued approximately at USD 3.82 billion in 2018 and is anticipated to grow with a healthy growth rate of more than 7.40% over the forecast period 2019-2026. A protective relay is a type of relay device, which is mainly designed to trip a circuit breaker, when a fault is spotted. It is an automatic gadget which can sense any abnormal situation such as faults of the electric circuit. It also assist in removing the spotted faulty portion from rest of the circuit. Protective relays plays a vital role in various fields, comprising equipment protection, power generation and transmission & distribution. They are installed in the circuit to reduce the electrical breakdowns affected by the fault currents and transients that flow via the circuit, and to alleviate their effects. Surging investment in transmission & distribution infrastructure and renewable sources, increase in power production capacity worldwide and rapid growth in urbanization & industrialization are the few factors responsible for high CAGR of the market over the forecast period. For instance, As per the T&D World, electric utilities would invest around USD 3.2 trillion globally in the new and replacement of transmission & distribution infrastructure during 2017-2027. Also, according to the European commission, it is estimated that \$28.44 billion is required to be invested in renewable sources between 2020 and 2050. These initiatives aims to strengthen the

demand for protective relay around the world. Moreover, growing demand for electronic devices along with surging utility of high-voltage direct current transmission is the major factor likely to create lucrative growth opportunities to the market growth in the forecast years. However, high installation and maintenance cost is one of the major factors responsible for the hampering the growth of global Protective Relay market during the forecast period.

The regional analysis of global Protective Relay Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia-Pacific is the leading/significant region across the world in terms of market share owing to increase in investment in renewable sector coupled with the modernization of grid infrastructure in the region. However, Asia-Pacific is anticipated to exhibit highest growth rate / CAGR over the forecast period 2019-2026. Further, growing infrastructural development in India & China due to the increasing economic growth in these countries is further expected to spur the demand of protective relay over the forecast period.

Major market player included in this report are:

ABB Group
Schneider Electric SE
General Electric
Eaton Corporation
Mitsubishi Electric Corporation
Siemens AG
Toshiba Corporation
Fanox Electronic
Basler Electric
NR Electric Co. Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Voltage Range:

High-Voltage Protective Relay
Medium-Voltage Protective Relay
Low-Voltage Protective Relay

By Application:

Feeder Protection
Transmission Line Protection
Motor Protection
Transformer Protection
Generator Protection

By End-User

Utilities
Industries
Renewable
Marine

By Region:

North America
U.S.
Canada
Europe
UK
Germany
Asia Pacific
China
India
Japan
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017

Base year – 2018

Forecast period – 2019 to 2026

Target Audience of the Global Protective Relay Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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