Protective Relay Market by Voltage, by End-User, and by Protection Mechanism - Global Trends and Forecasts to 2021

Description:
Protective relays play a crucial role in various segments, including power generation, transmission & distribution, and equipment protection. Relays are employed to minimize electric failures caused by the fault currents that flow through the circuit, and to mitigate their effects.

These high-intensity fault currents can damage equipment or devices in the circuit. The protective relay market is segmented on the basis of voltage, protection mechanism, end-user, and region. The years considered for the study are as follows:

- Historical Year – 2014
- Base Year – 2015
- Estimated Year – 2016
- Projected Year – 2021
- Forecast Period – 2016 to 2021

The year 2014 has been considered for company profiles. Whenever information was unavailable for the base year, the prior year was considered.

This research study has involved extensive usage of secondary sources, directories, and databases (such as Hoovers, Bloomberg Businessweek, Factiva, and OneSource) to identify and collect information useful for a technical, market-oriented, and commercial study of the protective relay market.

The research methodology used to estimate and forecast the protective relay market begins with collecting data on key vendor revenues through secondary research. Vendor offerings are also taken into consideration to determine the market segmentation. The bottom-up procedure has been employed to arrive at the overall market size of the global protective relay market from the revenue of the key players in the market.

After arriving at the overall market size, the total market has been split into several segments and subsegments, which have then been verified through primary research by conducting extensive interviews with key figures such as CEOs, VPs, directors, and executives. The data triangulation and market breakdown procedures have been employed to complete the overall market engineering process and to arrive at the exact statistics for all segments and subsegments.

Market Ecosystem:

The protective relay market ecosystem begins with the tool manufacturing of equipment such as microprocessors, insulators, sensors, and metal parts. The manufacturing stage is often divided into in-house and outsourced tasks. The in-house activities mainly focus on the critical aspects and components of the product, while the auxiliary parts required are often outsourced. All the parts are then assembled in one unit and configured before the final packaging of the product.

Scope of the Report:

- By Voltage:
  - High
  - Medium
  - Low
- By Protection Mechanism
  - Feeder
  - Transmission Line
  - Motor
  - Transformer
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