

# Global Thyristor Devices for Electric Power Systems Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Thyristor Devices for Electric Power Systems market size was valued at USD 361.2 million in 2023 and is forecast to a readjusted size of USD 494.6 million by 2030 with a CAGR of 4.6% during review period.

Thyristors are usually three-terminal devices that have four layers of alternating p-type and n-type material p–n junctions, comprising its main power handling section. Thyristors are used to approximate ideal closed or open switches for control of power flow in a circuit.

The Global Info Research report includes an overview of the development of the Thyristor Devices for Electric Power Systems industry chain, the market status of Automotive & Transportation (Unidirectional Thyristor, Bidirectional Thyristor), Industrial Control (Unidirectional Thyristor, Bidirectional Thyristor), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Thyristor Devices for Electric Power Systems.

Regionally, the report analyzes the Thyristor Devices for Electric Power Systems markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Thyristor Devices for Electric Power Systems market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Thyristor Devices for Electric Power Systems market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Thyristor Devices for Electric Power Systems industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Unidirectional Thyristor, Bidirectional Thyristor).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Thyristor Devices for Electric Power Systems market.

**Regional Analysis:** The report involves examining the Thyristor Devices for Electric Power Systems market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Thyristor Devices for Electric Power Systems market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Thyristor Devices for Electric Power Systems:

**Company Analysis:** Report covers individual Thyristor Devices for Electric Power Systems manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Thyristor Devices for Electric Power Systems This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by

Application (Automotive & Transportation, Industrial Control).

**Technology Analysis:** Report covers specific technologies relevant to Thyristor Devices for Electric Power Systems. It assesses the current state, advancements, and potential future developments in Thyristor Devices for Electric Power Systems areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Thyristor Devices for Electric Power Systems market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

Thyristor Devices for Electric Power Systems market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

Unidirectional Thyristor

Bidirectional Thyristor

#### Market segment by Application

Automotive & Transportation

Industrial Control

Computing & Communications

Others

## Major players covered

STMicroelectronics

WeEn Semiconductors

Littelfuse

Renesas Electronics

JieJie Microelectronics

Vishay

Shindengen Electric

Semikron Danfoss

Diodes Incorporated

Sanken Electric

SanRex

Central Semiconductor

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Thyristor Devices for Electric Power Systems product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Thyristor Devices for Electric Power Systems, with price, sales, revenue and global market share of Thyristor Devices for Electric Power Systems from 2019 to 2024.

Chapter 3, the Thyristor Devices for Electric Power Systems competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Thyristor Devices for Electric Power Systems breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Thyristor Devices for Electric Power Systems market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Thyristor Devices for Electric Power Systems.

Chapter 14 and 15, to describe Thyristor Devices for Electric Power Systems sales channel, distributors, customers, research findings and conclusion.

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