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Global Thyristors Devices Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Thyristors Devices market size is expected to reach $ 1212.5 million by 2029, rising at a market growth of 7.5% CAGR during the forecast period (2023-2029).

Global 5 largest manufacturers of Thyristors Devices are STMicroelectronics, JieJie Microelectronics, WeEn Semiconductors, Renesas Electronics and Littelfuse, which make up over 65%. Among them, STMicroelectronics is the leader with about 22% market share.

In terms of product type, SCR occupies the largest share of the total market, more than 70%. In terms of product application, Computing & Communications occupy the largest share of the total market, about 40%.

Thyristors devices are semiconductor devices used for controlling and switching electric power. They belong to the family of semiconductor devices known as 'power semiconductors' which are capable of handling high voltages and currents.

Thyristor can be classified into SCR and TRIAC according to the direction of current control. SCRs are unidirectional devices and conduct load current in only one direction. SCRs are triggered by a positive trigger current into the gate. Low power applications include circuit breakers like GFCI and engine ignition circuits. High power applications include motor control, inrush current protection, battery chargers, SMPS and UPS. TRIACs are current-controlled, bidirectional power latches, designed to control AC-mains loads. TRIACs are mainly used in home appliances, electrical (water) heaters, lamp dimmers and motor control applications.

This report studies the global Thyristors Devices production, demand, key

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manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Thyristors Devices, and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Thyristors Devices that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Thyristors Devices total production and demand, 2018-2029, (M Units)

Global Thyristors Devices total production value, 2018-2029, (USD Million)

Global Thyristors Devices production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global Thyristors Devices consumption by region & country, CAGR, 2018-2029 & (M Units)

U.S. VS China: Thyristors Devices domestic production, consumption, key domestic manufacturers and share

Global Thyristors Devices production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Units)

Global Thyristors Devices production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global Thyristors Devices production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Units).

This reports profiles key players in the global Thyristors Devices market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include STMicroelectronics, WeEn Semiconductors, Littelfuse, Renesas Electronics, JieJie Microelectronics, Vishay, Shindengen Electric, Semikron Danfoss and Diodes Incorporated, etc.

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This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Thyristors Devices market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (M Units) and average price (US$/K Units) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Thyristors Devices Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Thyristors Devices Market, Segmentation by Type

SCR

TRIAC

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Global Thyristors Devices Market, Segmentation by Application

- Automotive & Transportation
- Industrial Control
- Consumer Electronics
- Computing & Communications
- Others

Companies Profiled:

- STMicroelectronics
- WeEn Semiconductors
- Littelfuse
- Renesas Electronics
- JieJie Microelectronics
- Vishay
- Shindengen Electric
- Semikron Danfoss
- Diodes Incorporated
- Sanken Electric
- SanRex
- Central Semiconductor

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Key Questions Answered

1. How big is the global Thyristors Devices market?

2. What is the demand of the global Thyristors Devices market?

3. What is the year over year growth of the global Thyristors Devices market?

4. What is the production and production value of the global Thyristors Devices market?

5. Who are the key producers in the global Thyristors Devices market?

6. What are the growth factors driving the market demand?

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