

Global Thyristor Surge Protection Devices (TSPD) Market Growth 2025-2031

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Abstracts

The global Thyristor Surge Protection Devices (TSPD) market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

United States market for Thyristor Surge Protection Devices (TSPD) is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Thyristor Surge Protection Devices (TSPD) is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Thyristor Surge Protection Devices (TSPD) is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Thyristor Surge Protection Devices (TSPD) players cover ON Semiconductor, Diodes Incorporated, Bourns, Littelfuse, STMicroelectronics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Thyristor Surge Protection

Devices (TSPD) Industry Forecast” looks at past sales and reviews total world Thyristor Surge Protection Devices (TSPD) sales in 2024, providing a comprehensive analysis by region and market sector of projected Thyristor Surge Protection Devices (TSPD) sales for 2025 through 2031. With Thyristor Surge Protection Devices (TSPD) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Thyristor Surge Protection Devices (TSPD) industry.

This Insight Report provides a comprehensive analysis of the global Thyristor Surge Protection Devices (TSPD) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Thyristor Surge Protection Devices (TSPD) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Thyristor Surge Protection Devices (TSPD) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Thyristor Surge Protection Devices (TSPD) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Thyristor Surge Protection Devices (TSPD).

This report presents a comprehensive overview, market shares, and growth opportunities of Thyristor Surge Protection Devices (TSPD) market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Bidirectional TSPD

Unidirectional TSPD

Segmentation by Application:

Consumer Electronics

Communication

Automotive Electronics

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

ON Semiconductor

Diodes Incorporated

Bourns

Littelfuse

STMicroelectronics

Texas Instruments

Vishay

Microsemiconductor

ProTek Devices

Key Questions Addressed in this Report

What is the 10-year outlook for the global Thyristor Surge Protection Devices (TSPD) market?

What factors are driving Thyristor Surge Protection Devices (TSPD) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Thyristor Surge Protection Devices (TSPD) market opportunities vary by end market size?

How does Thyristor Surge Protection Devices (TSPD) break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Thyristor Surge Protection Devices (TSPD) Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Thyristor Surge Protection Devices (TSPD) by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Thyristor Surge Protection Devices (TSPD) by Country/Region, 2020, 2024 & 2031

2.2 Thyristor Surge Protection Devices (TSPD) Segment by Type

- 2.2.1 Bidirectional TSPD
- 2.2.2 Unidirectional TSPD

2.3 Thyristor Surge Protection Devices (TSPD) Sales by Type

- 2.3.1 Global Thyristor Surge Protection Devices (TSPD) Sales Market Share by Type (2020-2025)
- 2.3.2 Global Thyristor Surge Protection Devices (TSPD) Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Thyristor Surge Protection Devices (TSPD) Sale Price by Type (2020-2025)

2.4 Thyristor Surge Protection Devices (TSPD) Segment by Application

- 2.4.1 Consumer Electronics
- 2.4.2 Communication
- 2.4.3 Automotive Electronics
- 2.4.4 Other

2.5 Thyristor Surge Protection Devices (TSPD) Sales by Application

- 2.5.1 Global Thyristor Surge Protection Devices (TSPD) Sale Market Share by Application (2020-2025)

2.5.2 Global Thyristor Surge Protection Devices (TSPD) Revenue and Market Share by Application (2020-2025)

2.5.3 Global Thyristor Surge Protection Devices (TSPD) Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Thyristor Surge Protection Devices (TSPD) Breakdown Data by Company

3.1.1 Global Thyristor Surge Protection Devices (TSPD) Annual Sales by Company (2020-2025)

3.1.2 Global Thyristor Surge Protection Devices (TSPD) Sales Market Share by Company (2020-2025)

3.2 Global Thyristor Surge Protection Devices (TSPD) Annual Revenue by Company (2020-2025)

3.2.1 Global Thyristor Surge Protection Devices (TSPD) Revenue by Company (2020-2025)

3.2.2 Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Company (2020-2025)

3.3 Global Thyristor Surge Protection Devices (TSPD) Sale Price by Company

3.4 Key Manufacturers Thyristor Surge Protection Devices (TSPD) Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Thyristor Surge Protection Devices (TSPD) Product Location Distribution

3.4.2 Players Thyristor Surge Protection Devices (TSPD) Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR THYRISTOR SURGE PROTECTION DEVICES (TSPD) BY GEOGRAPHIC REGION

4.1 World Historic Thyristor Surge Protection Devices (TSPD) Market Size by Geographic Region (2020-2025)

4.1.1 Global Thyristor Surge Protection Devices (TSPD) Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Thyristor Surge Protection Devices (TSPD) Annual Revenue by Geographic Region (2020-2025)

- 4.2 World Historic Thyristor Surge Protection Devices (TSPD) Market Size by Country/Region (2020-2025)
 - 4.2.1 Global Thyristor Surge Protection Devices (TSPD) Annual Sales by Country/Region (2020-2025)
 - 4.2.2 Global Thyristor Surge Protection Devices (TSPD) Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Thyristor Surge Protection Devices (TSPD) Sales Growth
- 4.4 APAC Thyristor Surge Protection Devices (TSPD) Sales Growth
- 4.5 Europe Thyristor Surge Protection Devices (TSPD) Sales Growth
- 4.6 Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales Growth

5 AMERICAS

- 5.1 Americas Thyristor Surge Protection Devices (TSPD) Sales by Country
 - 5.1.1 Americas Thyristor Surge Protection Devices (TSPD) Sales by Country (2020-2025)
 - 5.1.2 Americas Thyristor Surge Protection Devices (TSPD) Revenue by Country (2020-2025)
- 5.2 Americas Thyristor Surge Protection Devices (TSPD) Sales by Type (2020-2025)
- 5.3 Americas Thyristor Surge Protection Devices (TSPD) Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Thyristor Surge Protection Devices (TSPD) Sales by Region
 - 6.1.1 APAC Thyristor Surge Protection Devices (TSPD) Sales by Region (2020-2025)
 - 6.1.2 APAC Thyristor Surge Protection Devices (TSPD) Revenue by Region (2020-2025)
- 6.2 APAC Thyristor Surge Protection Devices (TSPD) Sales by Type (2020-2025)
- 6.3 APAC Thyristor Surge Protection Devices (TSPD) Sales by Application (2020-2025)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Thyristor Surge Protection Devices (TSPD) by Country

7.1.1 Europe Thyristor Surge Protection Devices (TSPD) Sales by Country (2020-2025)

7.1.2 Europe Thyristor Surge Protection Devices (TSPD) Revenue by Country (2020-2025)

7.2 Europe Thyristor Surge Protection Devices (TSPD) Sales by Type (2020-2025)

7.3 Europe Thyristor Surge Protection Devices (TSPD) Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Thyristor Surge Protection Devices (TSPD) by Country

8.1.1 Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales by Country (2020-2025)

8.1.2 Middle East & Africa Thyristor Surge Protection Devices (TSPD) Revenue by Country (2020-2025)

8.2 Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales by Type (2020-2025)

8.3 Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales by Application (2020-2025)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Thyristor Surge Protection Devices (TSPD)

10.3 Manufacturing Process Analysis of Thyristor Surge Protection Devices (TSPD)

10.4 Industry Chain Structure of Thyristor Surge Protection Devices (TSPD)

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Thyristor Surge Protection Devices (TSPD) Distributors

11.3 Thyristor Surge Protection Devices (TSPD) Customer

12 WORLD FORECAST REVIEW FOR THYRISTOR SURGE PROTECTION DEVICES (TSPD) BY GEOGRAPHIC REGION

12.1 Global Thyristor Surge Protection Devices (TSPD) Market Size Forecast by Region

12.1.1 Global Thyristor Surge Protection Devices (TSPD) Forecast by Region (2026-2031)

12.1.2 Global Thyristor Surge Protection Devices (TSPD) Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Thyristor Surge Protection Devices (TSPD) Forecast by Type (2026-2031)

12.7 Global Thyristor Surge Protection Devices (TSPD) Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 ON Semiconductor

13.1.1 ON Semiconductor Company Information

13.1.2 ON Semiconductor Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

13.1.3 ON Semiconductor Thyristor Surge Protection Devices (TSPD) Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 ON Semiconductor Main Business Overview

13.1.5 ON Semiconductor Latest Developments

13.2 Diodes Incorporated

13.2.1 Diodes Incorporated Company Information

13.2.2 Diodes Incorporated Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

13.2.3 Diodes Incorporated Thyristor Surge Protection Devices (TSPD) Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Diodes Incorporated Main Business Overview

13.2.5 Diodes Incorporated Latest Developments

13.3 Bourns

13.3.1 Bourns Company Information

13.3.2 Bourns Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

13.3.3 Bourns Thyristor Surge Protection Devices (TSPD) Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Bourns Main Business Overview

13.3.5 Bourns Latest Developments

13.4 Littelfuse

13.4.1 Littelfuse Company Information

13.4.2 Littelfuse Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

13.4.3 Littelfuse Thyristor Surge Protection Devices (TSPD) Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Littelfuse Main Business Overview

13.4.5 Littelfuse Latest Developments

13.5 STMicroelectronics

13.5.1 STMicroelectronics Company Information

13.5.2 STMicroelectronics Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

13.5.3 STMicroelectronics Thyristor Surge Protection Devices (TSPD) Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 STMicroelectronics Main Business Overview

13.5.5 STMicroelectronics Latest Developments

13.6 Texas Instruments

- 13.6.1 Texas Instruments Company Information
- 13.6.2 Texas Instruments Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications
- 13.6.3 Texas Instruments Thyristor Surge Protection Devices (TSPD) Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.6.4 Texas Instruments Main Business Overview
- 13.6.5 Texas Instruments Latest Developments
- 13.7 Vishay
 - 13.7.1 Vishay Company Information
 - 13.7.2 Vishay Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications
 - 13.7.3 Vishay Thyristor Surge Protection Devices (TSPD) Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.7.4 Vishay Main Business Overview
 - 13.7.5 Vishay Latest Developments
- 13.8 Microsemiconductor
 - 13.8.1 Microsemiconductor Company Information
 - 13.8.2 Microsemiconductor Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications
 - 13.8.3 Microsemiconductor Thyristor Surge Protection Devices (TSPD) Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.8.4 Microsemiconductor Main Business Overview
 - 13.8.5 Microsemiconductor Latest Developments
- 13.9 ProTek Devices
 - 13.9.1 ProTek Devices Company Information
 - 13.9.2 ProTek Devices Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications
 - 13.9.3 ProTek Devices Thyristor Surge Protection Devices (TSPD) Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 ProTek Devices Main Business Overview
 - 13.9.5 ProTek Devices Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Thyristor Surge Protection Devices (TSPD) Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Thyristor Surge Protection Devices (TSPD) Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Bidirectional TSPD
- Table 4. Major Players of Unidirectional TSPD
- Table 5. Global Thyristor Surge Protection Devices (TSPD) Sales by Type (2020-2025) & (K Units)
- Table 6. Global Thyristor Surge Protection Devices (TSPD) Sales Market Share by Type (2020-2025)
- Table 7. Global Thyristor Surge Protection Devices (TSPD) Revenue by Type (2020-2025) & (\$ million)
- Table 8. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Type (2020-2025)
- Table 9. Global Thyristor Surge Protection Devices (TSPD) Sale Price by Type (2020-2025) & (USD/K Units)
- Table 10. Global Thyristor Surge Protection Devices (TSPD) Sale by Application (2020-2025) & (K Units)
- Table 11. Global Thyristor Surge Protection Devices (TSPD) Sale Market Share by Application (2020-2025)
- Table 12. Global Thyristor Surge Protection Devices (TSPD) Revenue by Application (2020-2025) & (\$ million)
- Table 13. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Application (2020-2025)
- Table 14. Global Thyristor Surge Protection Devices (TSPD) Sale Price by Application (2020-2025) & (USD/K Units)
- Table 15. Global Thyristor Surge Protection Devices (TSPD) Sales by Company (2020-2025) & (K Units)
- Table 16. Global Thyristor Surge Protection Devices (TSPD) Sales Market Share by Company (2020-2025)
- Table 17. Global Thyristor Surge Protection Devices (TSPD) Revenue by Company (2020-2025) & (\$ millions)
- Table 18. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Company (2020-2025)
- Table 19. Global Thyristor Surge Protection Devices (TSPD) Sale Price by Company

(2020-2025) & (USD/K Units)

Table 20. Key Manufacturers Thyristor Surge Protection Devices (TSPD) Producing Area Distribution and Sales Area

Table 21. Players Thyristor Surge Protection Devices (TSPD) Products Offered

Table 22. Thyristor Surge Protection Devices (TSPD) Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Thyristor Surge Protection Devices (TSPD) Sales by Geographic Region (2020-2025) & (K Units)

Table 26. Global Thyristor Surge Protection Devices (TSPD) Sales Market Share Geographic Region (2020-2025)

Table 27. Global Thyristor Surge Protection Devices (TSPD) Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Thyristor Surge Protection Devices (TSPD) Sales by Country/Region (2020-2025) & (K Units)

Table 30. Global Thyristor Surge Protection Devices (TSPD) Sales Market Share by Country/Region (2020-2025)

Table 31. Global Thyristor Surge Protection Devices (TSPD) Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Thyristor Surge Protection Devices (TSPD) Sales by Country (2020-2025) & (K Units)

Table 34. Americas Thyristor Surge Protection Devices (TSPD) Sales Market Share by Country (2020-2025)

Table 35. Americas Thyristor Surge Protection Devices (TSPD) Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Thyristor Surge Protection Devices (TSPD) Sales by Type (2020-2025) & (K Units)

Table 37. Americas Thyristor Surge Protection Devices (TSPD) Sales by Application (2020-2025) & (K Units)

Table 38. APAC Thyristor Surge Protection Devices (TSPD) Sales by Region (2020-2025) & (K Units)

Table 39. APAC Thyristor Surge Protection Devices (TSPD) Sales Market Share by Region (2020-2025)

Table 40. APAC Thyristor Surge Protection Devices (TSPD) Revenue by Region

(2020-2025) & (\$ millions)

Table 41. APAC Thyristor Surge Protection Devices (TSPD) Sales by Type (2020-2025) & (K Units)

Table 42. APAC Thyristor Surge Protection Devices (TSPD) Sales by Application (2020-2025) & (K Units)

Table 43. Europe Thyristor Surge Protection Devices (TSPD) Sales by Country (2020-2025) & (K Units)

Table 44. Europe Thyristor Surge Protection Devices (TSPD) Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Thyristor Surge Protection Devices (TSPD) Sales by Type (2020-2025) & (K Units)

Table 46. Europe Thyristor Surge Protection Devices (TSPD) Sales by Application (2020-2025) & (K Units)

Table 47. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales by Country (2020-2025) & (K Units)

Table 48. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales by Type (2020-2025) & (K Units)

Table 50. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales by Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Thyristor Surge Protection Devices (TSPD)

Table 52. Key Market Challenges & Risks of Thyristor Surge Protection Devices (TSPD)

Table 53. Key Industry Trends of Thyristor Surge Protection Devices (TSPD)

Table 54. Thyristor Surge Protection Devices (TSPD) Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Thyristor Surge Protection Devices (TSPD) Distributors List

Table 57. Thyristor Surge Protection Devices (TSPD) Customer List

Table 58. Global Thyristor Surge Protection Devices (TSPD) Sales Forecast by Region (2026-2031) & (K Units)

Table 59. Global Thyristor Surge Protection Devices (TSPD) Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Thyristor Surge Protection Devices (TSPD) Sales Forecast by Country (2026-2031) & (K Units)

Table 61. Americas Thyristor Surge Protection Devices (TSPD) Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Thyristor Surge Protection Devices (TSPD) Sales Forecast by Region (2026-2031) & (K Units)

- Table 63. APAC Thyristor Surge Protection Devices (TSPD) Annual Revenue Forecast by Region (2026-2031) & (\$ millions)
- Table 64. Europe Thyristor Surge Protection Devices (TSPD) Sales Forecast by Country (2026-2031) & (K Units)
- Table 65. Europe Thyristor Surge Protection Devices (TSPD) Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 66. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales Forecast by Country (2026-2031) & (K Units)
- Table 67. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 68. Global Thyristor Surge Protection Devices (TSPD) Sales Forecast by Type (2026-2031) & (K Units)
- Table 69. Global Thyristor Surge Protection Devices (TSPD) Revenue Forecast by Type (2026-2031) & (\$ millions)
- Table 70. Global Thyristor Surge Protection Devices (TSPD) Sales Forecast by Application (2026-2031) & (K Units)
- Table 71. Global Thyristor Surge Protection Devices (TSPD) Revenue Forecast by Application (2026-2031) & (\$ millions)
- Table 72. ON Semiconductor Basic Information, Thyristor Surge Protection Devices (TSPD) Manufacturing Base, Sales Area and Its Competitors
- Table 73. ON Semiconductor Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications
- Table 74. ON Semiconductor Thyristor Surge Protection Devices (TSPD) Sales (K Units), Revenue (\$ Million), Price (USD/K Units) and Gross Margin (2020-2025)
- Table 75. ON Semiconductor Main Business
- Table 76. ON Semiconductor Latest Developments
- Table 77. Diodes Incorporated Basic Information, Thyristor Surge Protection Devices (TSPD) Manufacturing Base, Sales Area and Its Competitors
- Table 78. Diodes Incorporated Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications
- Table 79. Diodes Incorporated Thyristor Surge Protection Devices (TSPD) Sales (K Units), Revenue (\$ Million), Price (USD/K Units) and Gross Margin (2020-2025)
- Table 80. Diodes Incorporated Main Business
- Table 81. Diodes Incorporated Latest Developments
- Table 82. Bourns Basic Information, Thyristor Surge Protection Devices (TSPD) Manufacturing Base, Sales Area and Its Competitors
- Table 83. Bourns Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications
- Table 84. Bourns Thyristor Surge Protection Devices (TSPD) Sales (K Units), Revenue

(\$ Million), Price (USD/K Units) and Gross Margin (2020-2025)

Table 85. Bourns Main Business

Table 86. Bourns Latest Developments

Table 87. Littelfuse Basic Information, Thyristor Surge Protection Devices (TSPD) Manufacturing Base, Sales Area and Its Competitors

Table 88. Littelfuse Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

Table 89. Littelfuse Thyristor Surge Protection Devices (TSPD) Sales (K Units), Revenue (\$ Million), Price (USD/K Units) and Gross Margin (2020-2025)

Table 90. Littelfuse Main Business

Table 91. Littelfuse Latest Developments

Table 92. STMicroelectronics Basic Information, Thyristor Surge Protection Devices (TSPD) Manufacturing Base, Sales Area and Its Competitors

Table 93. STMicroelectronics Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

Table 94. STMicroelectronics Thyristor Surge Protection Devices (TSPD) Sales (K Units), Revenue (\$ Million), Price (USD/K Units) and Gross Margin (2020-2025)

Table 95. STMicroelectronics Main Business

Table 96. STMicroelectronics Latest Developments

Table 97. Texas Instruments Basic Information, Thyristor Surge Protection Devices (TSPD) Manufacturing Base, Sales Area and Its Competitors

Table 98. Texas Instruments Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

Table 99. Texas Instruments Thyristor Surge Protection Devices (TSPD) Sales (K Units), Revenue (\$ Million), Price (USD/K Units) and Gross Margin (2020-2025)

Table 100. Texas Instruments Main Business

Table 101. Texas Instruments Latest Developments

Table 102. Vishay Basic Information, Thyristor Surge Protection Devices (TSPD) Manufacturing Base, Sales Area and Its Competitors

Table 103. Vishay Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

Table 104. Vishay Thyristor Surge Protection Devices (TSPD) Sales (K Units), Revenue (\$ Million), Price (USD/K Units) and Gross Margin (2020-2025)

Table 105. Vishay Main Business

Table 106. Vishay Latest Developments

Table 107. Microsemiconductor Basic Information, Thyristor Surge Protection Devices (TSPD) Manufacturing Base, Sales Area and Its Competitors

Table 108. Microsemiconductor Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

Table 109. Microsemiconductor Thyristor Surge Protection Devices (TSPD) Sales (K Units), Revenue (\$ Million), Price (USD/K Units) and Gross Margin (2020-2025)

Table 110. Microsemiconductor Main Business

Table 111. Microsemiconductor Latest Developments

Table 112. ProTek Devices Basic Information, Thyristor Surge Protection Devices (TSPD) Manufacturing Base, Sales Area and Its Competitors

Table 113. ProTek Devices Thyristor Surge Protection Devices (TSPD) Product Portfolios and Specifications

Table 114. ProTek Devices Thyristor Surge Protection Devices (TSPD) Sales (K Units), Revenue (\$ Million), Price (USD/K Units) and Gross Margin (2020-2025)

Table 115. ProTek Devices Main Business

Table 116. ProTek Devices Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Thyristor Surge Protection Devices (TSPD)
- Figure 2. Thyristor Surge Protection Devices (TSPD) Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Thyristor Surge Protection Devices (TSPD) Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Thyristor Surge Protection Devices (TSPD) Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Thyristor Surge Protection Devices (TSPD) Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Thyristor Surge Protection Devices (TSPD) Sales Market Share by Country/Region (2024)
- Figure 10. Thyristor Surge Protection Devices (TSPD) Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Bidirectional TSPD
- Figure 12. Product Picture of Unidirectional TSPD
- Figure 13. Global Thyristor Surge Protection Devices (TSPD) Sales Market Share by Type in 2025
- Figure 14. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Type (2020-2025)
- Figure 15. Thyristor Surge Protection Devices (TSPD) Consumed in Consumer Electronics
- Figure 16. Global Thyristor Surge Protection Devices (TSPD) Market: Consumer Electronics (2020-2025) & (K Units)
- Figure 17. Thyristor Surge Protection Devices (TSPD) Consumed in Communication
- Figure 18. Global Thyristor Surge Protection Devices (TSPD) Market: Communication (2020-2025) & (K Units)
- Figure 19. Thyristor Surge Protection Devices (TSPD) Consumed in Automotive Electronics
- Figure 20. Global Thyristor Surge Protection Devices (TSPD) Market: Automotive Electronics (2020-2025) & (K Units)
- Figure 21. Thyristor Surge Protection Devices (TSPD) Consumed in Other
- Figure 22. Global Thyristor Surge Protection Devices (TSPD) Market: Other (2020-2025) & (K Units)

Figure 23. Global Thyristor Surge Protection Devices (TSPD) Sale Market Share by Application (2024)

Figure 24. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Application in 2025

Figure 25. Thyristor Surge Protection Devices (TSPD) Sales by Company in 2025 (K Units)

Figure 26. Global Thyristor Surge Protection Devices (TSPD) Sales Market Share by Company in 2025

Figure 27. Thyristor Surge Protection Devices (TSPD) Revenue by Company in 2025 (\$ millions)

Figure 28. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Company in 2025

Figure 29. Global Thyristor Surge Protection Devices (TSPD) Sales Market Share by Geographic Region (2020-2025)

Figure 30. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Geographic Region in 2025

Figure 31. Americas Thyristor Surge Protection Devices (TSPD) Sales 2020-2025 (K Units)

Figure 32. Americas Thyristor Surge Protection Devices (TSPD) Revenue 2020-2025 (\$ millions)

Figure 33. APAC Thyristor Surge Protection Devices (TSPD) Sales 2020-2025 (K Units)

Figure 34. APAC Thyristor Surge Protection Devices (TSPD) Revenue 2020-2025 (\$ millions)

Figure 35. Europe Thyristor Surge Protection Devices (TSPD) Sales 2020-2025 (K Units)

Figure 36. Europe Thyristor Surge Protection Devices (TSPD) Revenue 2020-2025 (\$ millions)

Figure 37. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales 2020-2025 (K Units)

Figure 38. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Revenue 2020-2025 (\$ millions)

Figure 39. Americas Thyristor Surge Protection Devices (TSPD) Sales Market Share by Country in 2025

Figure 40. Americas Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Country (2020-2025)

Figure 41. Americas Thyristor Surge Protection Devices (TSPD) Sales Market Share by Type (2020-2025)

Figure 42. Americas Thyristor Surge Protection Devices (TSPD) Sales Market Share by Application (2020-2025)

Figure 43. United States Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 44. Canada Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 45. Mexico Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 46. Brazil Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 47. APAC Thyristor Surge Protection Devices (TSPD) Sales Market Share by Region in 2025

Figure 48. APAC Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Region (2020-2025)

Figure 49. APAC Thyristor Surge Protection Devices (TSPD) Sales Market Share by Type (2020-2025)

Figure 50. APAC Thyristor Surge Protection Devices (TSPD) Sales Market Share by Application (2020-2025)

Figure 51. China Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 52. Japan Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 53. South Korea Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 54. Southeast Asia Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 55. India Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 56. Australia Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 57. China Taiwan Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 58. Europe Thyristor Surge Protection Devices (TSPD) Sales Market Share by Country in 2025

Figure 59. Europe Thyristor Surge Protection Devices (TSPD) Revenue Market Share by Country (2020-2025)

Figure 60. Europe Thyristor Surge Protection Devices (TSPD) Sales Market Share by Type (2020-2025)

Figure 61. Europe Thyristor Surge Protection Devices (TSPD) Sales Market Share by Application (2020-2025)

Figure 62. Germany Thyristor Surge Protection Devices (TSPD) Revenue Growth

2020-2025 (\$ millions)

Figure 63. France Thyristor Surge Protection Devices (TSPD) Revenue Growth

2020-2025 (\$ millions)

Figure 64. UK Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025

(\$ millions)

Figure 65. Italy Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025

(\$ millions)

Figure 66. Russia Thyristor Surge Protection Devices (TSPD) Revenue Growth

2020-2025 (\$ millions)

Figure 67. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales Market Share by Country (2020-2025)

Figure 68. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales Market Share by Type (2020-2025)

Figure 69. Middle East & Africa Thyristor Surge Protection Devices (TSPD) Sales Market Share by Application (2020-2025)

Figure 70. Egypt Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 71. South Africa Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 72. Israel Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 73. Turkey Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 74. GCC Countries Thyristor Surge Protection Devices (TSPD) Revenue Growth 2020-2025 (\$ millions)

Figure 75. Manufacturing Cost Structure Analysis of Thyristor Surge Protection Devices (TSPD) in 2025

Figure 76. Manufacturing Process Analysis of Thyristor Surge Protection Devices (TSPD)

Figure 77. Industry Chain Structure of Thyristor Surge Protection Devices (TSPD)

Figure 78. Channels of Distribution

Figure 79. Global Thyristor Surge Protection Devices (TSPD) Sales Market Forecast by Region (2026-2031)

Figure 80. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share Forecast by Region (2026-2031)

Figure 81. Global Thyristor Surge Protection Devices (TSPD) Sales Market Share Forecast by Type (2026-2031)

Figure 82. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share Forecast by Type (2026-2031)

Figure 83. Global Thyristor Surge Protection Devices (TSPD) Sales Market Share Forecast by Application (2026-2031)

Figure 84. Global Thyristor Surge Protection Devices (TSPD) Revenue Market Share Forecast by Application (2026-2031)

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