

# Global Temperature Protection Devices Market Research Report 2026(Status and Outlook)

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## Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Temperature Protection Devices competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. Temperature Protection Devices (TPDs) are passive or active components designed to detect, monitor, or interrupt circuits when a specific temperature threshold is exceeded. These devices play a crucial role in thermal management, overheating protection, and fire hazard prevention in electrical, electronic, automotive, industrial, and medical systems.

The global Temperature Protection Devices market size was estimated at USD 2677.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 4.40% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Temperature Protection Devices market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global

Temperature Protection Devices market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Temperature Protection Devices market.

### **Global Temperature Protection Devices Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

TDK Corporation  
Portage Electric Products  
Seki Controls  
Calco Electric  
Selco Products  
Sensata Technologies  
Thermtrol Corporation  
Thermik Ger?tebau  
SCHURTER  
ATC Semitec  
Emerson Electric  
Texas Instruments  
Smiths Medical

Medtronic  
Geratherm Medical AG  
ZOLL Medical  
ICU Medical  
BD?Becton Dickinson?  
Belmont Medical Technologies

### **Market Segmentation (by Type)**

Thermal Protector  
Temperature Sensing Device  
Others

### **Market Segmentation (by Application)**

Industrial and Manufacturing  
Automotive and Transportation  
Medical and Life Sciences  
Others

### **Geographic Segmentation**

North America (USA, Canada, Mexico)  
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)  
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)  
South America (Brazil, Argentina, Columbia, Rest of South America)  
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

### **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study  
Neutral perspective on the market performance  
Recent industry trends and developments  
Competitive landscape & strategies of key players  
Potential & niche segments and regions exhibiting promising growth covered  
Historical, current, and projected market size, in terms of value  
In-depth analysis of the Temperature Protection Devices Market  
Overview of the regional outlook of the Temperature Protection Devices Market:

## Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Temperature Protection Devices Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Temperature Protection Devices, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Temperature Protection Devices
- 1.2 Key Market Segments
  - 1.2.1 Temperature Protection Devices Segment by Type
  - 1.2.2 Temperature Protection Devices Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 TEMPERATURE PROTECTION DEVICES MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Temperature Protection Devices Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Temperature Protection Devices Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 TEMPERATURE PROTECTION DEVICES MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Temperature Protection Devices Product Life Cycle
- 3.3 Global Temperature Protection Devices Sales by Manufacturers (2020-2025)
- 3.4 Global Temperature Protection Devices Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Temperature Protection Devices Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Temperature Protection Devices Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Temperature Protection Devices Market Competitive Situation and Trends
  - 3.8.1 Temperature Protection Devices Market Concentration Rate

3.8.2 Global 5 and 10 Largest Temperature Protection Devices Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

## **4 TEMPERATURE PROTECTION DEVICES INDUSTRY CHAIN ANALYSIS**

4.1 Temperature Protection Devices Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF TEMPERATURE PROTECTION DEVICES MARKET**

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Temperature Protection Devices Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Temperature Protection Devices Market

5.7 ESG Ratings of Leading Companies

## **6 TEMPERATURE PROTECTION DEVICES MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Temperature Protection Devices Sales Market Share by Type (2020-2025)

6.3 Global Temperature Protection Devices Market Size by Type (2020-2025)

## 6.4 Global Temperature Protection Devices Price by Type (2020-2025)

## **7 TEMPERATURE PROTECTION DEVICES MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Temperature Protection Devices Market Sales by Application (2020-2025)
- 7.3 Global Temperature Protection Devices Market Size (M USD) by Application (2020-2025)
- 7.4 Global Temperature Protection Devices Sales Growth Rate by Application (2020-2025)

## **8 TEMPERATURE PROTECTION DEVICES MARKET SALES BY REGION**

- 8.1 Global Temperature Protection Devices Sales by Region
  - 8.1.1 Global Temperature Protection Devices Sales by Region
  - 8.1.2 Global Temperature Protection Devices Sales Market Share by Region
- 8.2 Global Temperature Protection Devices Market Size by Region
  - 8.2.1 Global Temperature Protection Devices Market Size by Region
  - 8.2.2 Global Temperature Protection Devices Market Size by Region
- 8.3 North America
  - 8.3.1 North America Temperature Protection Devices Sales by Country
  - 8.3.2 North America Temperature Protection Devices Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Temperature Protection Devices Sales by Country
  - 8.4.2 Europe Temperature Protection Devices Market Size by Country
  - 8.4.3 Germany Market Overview
  - 8.4.4 France Market Overview
  - 8.4.5 U.K. Market Overview
  - 8.4.6 Italy Market Overview
  - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
  - 8.5.1 Asia Pacific Temperature Protection Devices Sales by Region
  - 8.5.2 Asia Pacific Temperature Protection Devices Market Size by Region
  - 8.5.3 China Market Overview
  - 8.5.4 Japan Market Overview

- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
  - 8.6.1 South America Temperature Protection Devices Sales by Country
  - 8.6.2 South America Temperature Protection Devices Market Size by Country
  - 8.6.3 Brazil Market Overview
  - 8.6.4 Argentina Market Overview
  - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
  - 8.7.1 Middle East and Africa Temperature Protection Devices Sales by Region
  - 8.7.2 Middle East and Africa Temperature Protection Devices Market Size by Region
  - 8.7.3 Saudi Arabia Market Overview
  - 8.7.4 UAE Market Overview
  - 8.7.5 Egypt Market Overview
  - 8.7.6 Nigeria Market Overview
  - 8.7.7 South Africa Market Overview

## **9 TEMPERATURE PROTECTION DEVICES MARKET PRODUCTION BY REGION**

- 9.1 Global Production of Temperature Protection Devices by Region(2020-2025)
- 9.2 Global Temperature Protection Devices Revenue Market Share by Region (2020-2025)
- 9.3 Global Temperature Protection Devices Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Temperature Protection Devices Production
  - 9.4.1 North America Temperature Protection Devices Production Growth Rate (2020-2025)
  - 9.4.2 North America Temperature Protection Devices Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Temperature Protection Devices Production
  - 9.5.1 Europe Temperature Protection Devices Production Growth Rate (2020-2025)
  - 9.5.2 Europe Temperature Protection Devices Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Temperature Protection Devices Production (2020-2025)
  - 9.6.1 Japan Temperature Protection Devices Production Growth Rate (2020-2025)
  - 9.6.2 Japan Temperature Protection Devices Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Temperature Protection Devices Production (2020-2025)

- 9.7.1 China Temperature Protection Devices Production Growth Rate (2020-2025)
- 9.7.2 China Temperature Protection Devices Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

### 10.1 TDK Corporation

- 10.1.1 TDK Corporation Basic Information
- 10.1.2 TDK Corporation Temperature Protection Devices Product Overview
- 10.1.3 TDK Corporation Temperature Protection Devices Product Market Performance
- 10.1.4 TDK Corporation Business Overview
- 10.1.5 TDK Corporation SWOT Analysis
- 10.1.6 TDK Corporation Recent Developments

### 10.2 Portage Electric Products

- 10.2.1 Portage Electric Products Basic Information
- 10.2.2 Portage Electric Products Temperature Protection Devices Product Overview
- 10.2.3 Portage Electric Products Temperature Protection Devices Product Market Performance
- 10.2.4 Portage Electric Products Business Overview
- 10.2.5 Portage Electric Products SWOT Analysis
- 10.2.6 Portage Electric Products Recent Developments

### 10.3 Seki Controls

- 10.3.1 Seki Controls Basic Information
- 10.3.2 Seki Controls Temperature Protection Devices Product Overview
- 10.3.3 Seki Controls Temperature Protection Devices Product Market Performance
- 10.3.4 Seki Controls Business Overview
- 10.3.5 Seki Controls SWOT Analysis
- 10.3.6 Seki Controls Recent Developments

### 10.4 Calco Electric

- 10.4.1 Calco Electric Basic Information
- 10.4.2 Calco Electric Temperature Protection Devices Product Overview
- 10.4.3 Calco Electric Temperature Protection Devices Product Market Performance
- 10.4.4 Calco Electric Business Overview
- 10.4.5 Calco Electric Recent Developments

### 10.5 Selco Products

- 10.5.1 Selco Products Basic Information
- 10.5.2 Selco Products Temperature Protection Devices Product Overview
- 10.5.3 Selco Products Temperature Protection Devices Product Market Performance
- 10.5.4 Selco Products Business Overview

- 10.5.5 Selco Products Recent Developments
- 10.6 Sensata Technologies
  - 10.6.1 Sensata Technologies Basic Information
  - 10.6.2 Sensata Technologies Temperature Protection Devices Product Overview
  - 10.6.3 Sensata Technologies Temperature Protection Devices Product Market Performance
  - 10.6.4 Sensata Technologies Business Overview
  - 10.6.5 Sensata Technologies Recent Developments
- 10.7 Thermtrol Corporation
  - 10.7.1 Thermtrol Corporation Basic Information
  - 10.7.2 Thermtrol Corporation Temperature Protection Devices Product Overview
  - 10.7.3 Thermtrol Corporation Temperature Protection Devices Product Market Performance
  - 10.7.4 Thermtrol Corporation Business Overview
  - 10.7.5 Thermtrol Corporation Recent Developments
- 10.8 Thermik Ger?tebau
  - 10.8.1 Thermik Ger?tebau Basic Information
  - 10.8.2 Thermik Ger?tebau Temperature Protection Devices Product Overview
  - 10.8.3 Thermik Ger?tebau Temperature Protection Devices Product Market Performance
  - 10.8.4 Thermik Ger?tebau Business Overview
  - 10.8.5 Thermik Ger?tebau Recent Developments
- 10.9 SCHURTER
  - 10.9.1 SCHURTER Basic Information
  - 10.9.2 SCHURTER Temperature Protection Devices Product Overview
  - 10.9.3 SCHURTER Temperature Protection Devices Product Market Performance
  - 10.9.4 SCHURTER Business Overview
  - 10.9.5 SCHURTER Recent Developments
- 10.10 ATC Semitec
  - 10.10.1 ATC Semitec Basic Information
  - 10.10.2 ATC Semitec Temperature Protection Devices Product Overview
  - 10.10.3 ATC Semitec Temperature Protection Devices Product Market Performance
  - 10.10.4 ATC Semitec Business Overview
  - 10.10.5 ATC Semitec Recent Developments
- 10.11 Emerson Electric
  - 10.11.1 Emerson Electric Basic Information
  - 10.11.2 Emerson Electric Temperature Protection Devices Product Overview
  - 10.11.3 Emerson Electric Temperature Protection Devices Product Market Performance

- 10.11.4 Emerson Electric Business Overview
- 10.11.5 Emerson Electric Recent Developments
- 10.12 Texas Instruments
  - 10.12.1 Texas Instruments Basic Information
  - 10.12.2 Texas Instruments Temperature Protection Devices Product Overview
  - 10.12.3 Texas Instruments Temperature Protection Devices Product Market Performance
  - 10.12.4 Texas Instruments Business Overview
  - 10.12.5 Texas Instruments Recent Developments
- 10.13 Smiths Medical
  - 10.13.1 Smiths Medical Basic Information
  - 10.13.2 Smiths Medical Temperature Protection Devices Product Overview
  - 10.13.3 Smiths Medical Temperature Protection Devices Product Market Performance
  - 10.13.4 Smiths Medical Business Overview
  - 10.13.5 Smiths Medical Recent Developments
- 10.14 Medtronic
  - 10.14.1 Medtronic Basic Information
  - 10.14.2 Medtronic Temperature Protection Devices Product Overview
  - 10.14.3 Medtronic Temperature Protection Devices Product Market Performance
  - 10.14.4 Medtronic Business Overview
  - 10.14.5 Medtronic Recent Developments
- 10.15 Geratherm Medical AG
  - 10.15.1 Geratherm Medical AG Basic Information
  - 10.15.2 Geratherm Medical AG Temperature Protection Devices Product Overview
  - 10.15.3 Geratherm Medical AG Temperature Protection Devices Product Market Performance
  - 10.15.4 Geratherm Medical AG Business Overview
  - 10.15.5 Geratherm Medical AG Recent Developments
- 10.16 ZOLL Medical
  - 10.16.1 ZOLL Medical Basic Information
  - 10.16.2 ZOLL Medical Temperature Protection Devices Product Overview
  - 10.16.3 ZOLL Medical Temperature Protection Devices Product Market Performance
  - 10.16.4 ZOLL Medical Business Overview
  - 10.16.5 ZOLL Medical Recent Developments
- 10.17 ICU Medical
  - 10.17.1 ICU Medical Basic Information
  - 10.17.2 ICU Medical Temperature Protection Devices Product Overview
  - 10.17.3 ICU Medical Temperature Protection Devices Product Market Performance
  - 10.17.4 ICU Medical Business Overview

- 10.17.5 ICU Medical Recent Developments
- 10.18 BD?Becton Dickinson?
  - 10.18.1 BD?Becton Dickinson? Basic Information
  - 10.18.2 BD?Becton Dickinson? Temperature Protection Devices Product Overview
  - 10.18.3 BD?Becton Dickinson? Temperature Protection Devices Product Market Performance
  - 10.18.4 BD?Becton Dickinson? Business Overview
  - 10.18.5 BD?Becton Dickinson? Recent Developments
- 10.19 Belmont Medical Technologies
  - 10.19.1 Belmont Medical Technologies Basic Information
  - 10.19.2 Belmont Medical Technologies Temperature Protection Devices Product Overview
  - 10.19.3 Belmont Medical Technologies Temperature Protection Devices Product Market Performance
  - 10.19.4 Belmont Medical Technologies Business Overview
  - 10.19.5 Belmont Medical Technologies Recent Developments

## **11 TEMPERATURE PROTECTION DEVICES MARKET FORECAST BY REGION**

- 11.1 Global Temperature Protection Devices Market Size Forecast
- 11.2 Global Temperature Protection Devices Market Forecast by Region
  - 11.2.1 North America Market Size Forecast by Country
  - 11.2.2 Europe Temperature Protection Devices Market Size Forecast by Country
  - 11.2.3 Asia Pacific Temperature Protection Devices Market Size Forecast by Region
  - 11.2.4 South America Temperature Protection Devices Market Size Forecast by Country
  - 11.2.5 Middle East and Africa Forecasted Sales of Temperature Protection Devices by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

- 12.1 Global Temperature Protection Devices Market Forecast by Type (2026-2035)
  - 12.1.1 Global Forecasted Sales of Temperature Protection Devices by Type (2026-2035)
  - 12.1.2 Global Temperature Protection Devices Market Size Forecast by Type (2026-2035)
  - 12.1.3 Global Forecasted Price of Temperature Protection Devices by Type (2026-2035)
- 12.2 Global Temperature Protection Devices Market Forecast by Application

(2026-2035)

12.2.1 Global Temperature Protection Devices Sales (K Units) Forecast by Application

12.2.2 Global Temperature Protection Devices Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Temperature Protection Devices Market Size by Type (M USD)

Table 4. Global Temperature Protection Devices Market Size by Application

Table 5. Temperature Protection Devices Market Size Comparison by Region (M USD)

Table 6. Global Temperature Protection Devices Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global Temperature Protection Devices Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Temperature Protection Devices Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Temperature Protection Devices Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Temperature Protection Devices as of 2025)

Table 11. Global Market Temperature Protection Devices Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Temperature Protection Devices Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Temperature Protection Devices Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Temperature Protection Devices Sales by Type (K Units)

Table 27. Global Temperature Protection Devices Market Size by Type (M USD)

- Table 28. Global Temperature Protection Devices Sales (K Units) by Type (2020-2025)
- Table 29. Global Temperature Protection Devices Sales Market Share by Type (2020-2025)
- Table 30. Global Temperature Protection Devices Market Size (M USD) by Type (2020-2025)
- Table 31. Global Temperature Protection Devices Market Share by Type (2020-2025)
- Table 32. Global Temperature Protection Devices Price (USD/Unit) by Type (2020-2025)
- Table 33. Global Temperature Protection Devices Sales (K Units) by Application
- Table 34. Global Temperature Protection Devices Market Size by Application
- Table 35. Global Temperature Protection Devices Sales by Application (2020-2025) & (K Units)
- Table 36. Global Temperature Protection Devices Sales Market Share by Application (2020-2025)
- Table 37. Global Temperature Protection Devices Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Temperature Protection Devices Market Share by Application (2020-2025)
- Table 39. Global Temperature Protection Devices Sales Growth Rate by Application (2020-2025)
- Table 40. Global Temperature Protection Devices Sales by Region (2020-2025) & (K Units)
- Table 41. Global Temperature Protection Devices Sales Market Share by Region (2020-2025)
- Table 42. Global Temperature Protection Devices Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Temperature Protection Devices Market Size by Region (2020-2025)
- Table 44. North America Temperature Protection Devices Sales by Country (2020-2025) & (K Units)
- Table 45. North America Temperature Protection Devices Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Temperature Protection Devices Sales by Country (2020-2025) & (K Units)
- Table 47. Europe Temperature Protection Devices Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Temperature Protection Devices Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Temperature Protection Devices Market Size by Region (2020-2025) & (M USD)

- Table 50. South America Temperature Protection Devices Sales by Country (2020-2025) & (K Units)
- Table 51. South America Temperature Protection Devices Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa Temperature Protection Devices Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa Temperature Protection Devices Market Size by Region (2020-2025) & (M USD)
- Table 54. Global Temperature Protection Devices Production (K Units) by Region(2020-2025)
- Table 55. Global Temperature Protection Devices Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global Temperature Protection Devices Revenue Market Share by Region (2020-2025)
- Table 57. Global Temperature Protection Devices Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 58. North America Temperature Protection Devices Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 59. Europe Temperature Protection Devices Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 60. Japan Temperature Protection Devices Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 61. China Temperature Protection Devices Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 62. TDK Corporation Basic Information
- Table 63. TDK Corporation Temperature Protection Devices Product Overview
- Table 64. TDK Corporation Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 65. TDK Corporation Business Overview
- Table 66. TDK Corporation SWOT Analysis
- Table 67. TDK Corporation Recent Developments
- Table 68. Portage Electric Products Basic Information
- Table 69. Portage Electric Products Temperature Protection Devices Product Overview
- Table 70. Portage Electric Products Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 71. Portage Electric Products Business Overview
- Table 72. Portage Electric Products SWOT Analysis
- Table 73. Portage Electric Products Recent Developments
- Table 74. Seki Controls Basic Information

- Table 75. Seki Controls Temperature Protection Devices Product Overview
- Table 76. Seki Controls Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 77. Seki Controls Business Overview
- Table 78. Seki Controls SWOT Analysis
- Table 79. Seki Controls Recent Developments
- Table 80. Calco Electric Basic Information
- Table 81. Calco Electric Temperature Protection Devices Product Overview
- Table 82. Calco Electric Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 83. Calco Electric Business Overview
- Table 84. Calco Electric Recent Developments
- Table 85. Selco Products Basic Information
- Table 86. Selco Products Temperature Protection Devices Product Overview
- Table 87. Selco Products Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. Selco Products Business Overview
- Table 89. Selco Products Recent Developments
- Table 90. Sensata Technologies Basic Information
- Table 91. Sensata Technologies Temperature Protection Devices Product Overview
- Table 92. Sensata Technologies Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. Sensata Technologies Business Overview
- Table 94. Sensata Technologies Recent Developments
- Table 95. Thermtrol Corporation Basic Information
- Table 96. Thermtrol Corporation Temperature Protection Devices Product Overview
- Table 97. Thermtrol Corporation Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Thermtrol Corporation Business Overview
- Table 99. Thermtrol Corporation Recent Developments
- Table 100. Thermik Ger?tebau Basic Information
- Table 101. Thermik Ger?tebau Temperature Protection Devices Product Overview
- Table 102. Thermik Ger?tebau Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Thermik Ger?tebau Business Overview
- Table 104. Thermik Ger?tebau Recent Developments
- Table 105. SCHURTER Basic Information
- Table 106. SCHURTER Temperature Protection Devices Product Overview
- Table 107. SCHURTER Temperature Protection Devices Sales (K Units), Revenue (M

USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. SCHURTER Business Overview

Table 109. SCHURTER Recent Developments

Table 110. ATC Semitec Basic Information

Table 111. ATC Semitec Temperature Protection Devices Product Overview

Table 112. ATC Semitec Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. ATC Semitec Business Overview

Table 114. ATC Semitec Recent Developments

Table 115. Emerson Electric Basic Information

Table 116. Emerson Electric Temperature Protection Devices Product Overview

Table 117. Emerson Electric Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. Emerson Electric Business Overview

Table 119. Emerson Electric Recent Developments

Table 120. Texas Instruments Basic Information

Table 121. Texas Instruments Temperature Protection Devices Product Overview

Table 122. Texas Instruments Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 123. Texas Instruments Business Overview

Table 124. Texas Instruments Recent Developments

Table 125. Smiths Medical Basic Information

Table 126. Smiths Medical Temperature Protection Devices Product Overview

Table 127. Smiths Medical Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 128. Smiths Medical Business Overview

Table 129. Smiths Medical Recent Developments

Table 130. Medtronic Basic Information

Table 131. Medtronic Temperature Protection Devices Product Overview

Table 132. Medtronic Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 133. Medtronic Business Overview

Table 134. Medtronic Recent Developments

Table 135. Geratherm Medical AG Basic Information

Table 136. Geratherm Medical AG Temperature Protection Devices Product Overview

Table 137. Geratherm Medical AG Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 138. Geratherm Medical AG Business Overview

Table 139. Geratherm Medical AG Recent Developments

- Table 140. ZOLL Medical Basic Information
- Table 141. ZOLL Medical Temperature Protection Devices Product Overview
- Table 142. ZOLL Medical Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 143. ZOLL Medical Business Overview
- Table 144. ZOLL Medical Recent Developments
- Table 145. ICU Medical Basic Information
- Table 146. ICU Medical Temperature Protection Devices Product Overview
- Table 147. ICU Medical Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 148. ICU Medical Business Overview
- Table 149. ICU Medical Recent Developments
- Table 150. BD?Becton Dickinson? Basic Information
- Table 151. BD?Becton Dickinson? Temperature Protection Devices Product Overview
- Table 152. BD?Becton Dickinson? Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 153. BD?Becton Dickinson? Business Overview
- Table 154. BD?Becton Dickinson? Recent Developments
- Table 155. Belmont Medical Technologies Basic Information
- Table 156. Belmont Medical Technologies Temperature Protection Devices Product Overview
- Table 157. Belmont Medical Technologies Temperature Protection Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 158. Belmont Medical Technologies Business Overview
- Table 159. Belmont Medical Technologies Recent Developments
- Table 160. Global Temperature Protection Devices Sales Forecast by Region (2026-2035) & (K Units)
- Table 161. Global Temperature Protection Devices Market Size Forecast by Region (2026-2035) & (M USD)
- Table 162. North America Temperature Protection Devices Sales Forecast by Country (2026-2035) & (K Units)
- Table 163. North America Temperature Protection Devices Market Size Forecast by Country (2026-2035) & (M USD)
- Table 164. Europe Temperature Protection Devices Sales Forecast by Country (2026-2035) & (K Units)
- Table 165. Europe Temperature Protection Devices Market Size Forecast by Country (2026-2035) & (M USD)
- Table 166. Asia Pacific Temperature Protection Devices Sales Forecast by Region (2026-2035) & (K Units)

Table 167. Asia Pacific Temperature Protection Devices Market Size Forecast by Region (2026-2035) & (M USD)

Table 168. South America Temperature Protection Devices Sales Forecast by Country (2026-2035) & (K Units)

Table 169. South America Temperature Protection Devices Market Size Forecast by Country (2026-2035) & (M USD)

Table 170. Middle East and Africa Temperature Protection Devices Sales Forecast by Country (2026-2035) & (Units)

Table 171. Middle East and Africa Temperature Protection Devices Market Size Forecast by Country (2026-2035) & (M USD)

Table 172. Global Temperature Protection Devices Sales Forecast by Type (2026-2035) & (K Units)

Table 173. Global Temperature Protection Devices Market Size Forecast by Type (2026-2035) & (M USD)

Table 174. Global Temperature Protection Devices Price Forecast by Type (2026-2035) & (USD/Unit)

Table 175. Global Temperature Protection Devices Sales (K Units) Forecast by Application (2026-2035)

Table 176. Global Temperature Protection Devices Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Temperature Protection Devices
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Temperature Protection Devices Market Size (M USD), 2025-2035
- Figure 5. Global Temperature Protection Devices Market Size (M USD) (2020-2035)
- Figure 6. Global Temperature Protection Devices Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Temperature Protection Devices Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Temperature Protection Devices Product Life Cycle
- Figure 13. Temperature Protection Devices Sales Share by Manufacturers in 2025
- Figure 14. Global Temperature Protection Devices Revenue Share by Manufacturers in 2025
- Figure 15. Temperature Protection Devices Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Temperature Protection Devices Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Temperature Protection Devices Revenue in 2025
- Figure 18. Industry Chain Map of Temperature Protection Devices
- Figure 19. Global Temperature Protection Devices Market PEST Analysis
- Figure 20. Global Temperature Protection Devices Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Temperature Protection Devices Market Share by Type
- Figure 27. Sales Market Share of Temperature Protection Devices by Type (2020-2025)
- Figure 28. Sales Market Share of Temperature Protection Devices by Type in 2025
- Figure 29. Market Share of Temperature Protection Devices by Type (2020-2025)
- Figure 30. Market Share of Temperature Protection Devices by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

- Figure 32. Global Temperature Protection Devices Market Share by Application
- Figure 33. Global Temperature Protection Devices Sales Market Share by Application (2020-2025)
- Figure 34. Global Temperature Protection Devices Sales Market Share by Application in 2025
- Figure 35. Global Temperature Protection Devices Market Share by Application (2020-2025)
- Figure 36. Global Temperature Protection Devices Market Share by Application in 2025
- Figure 37. Global Temperature Protection Devices Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Temperature Protection Devices Sales Market Share by Region (2020-2025)
- Figure 39. Global Temperature Protection Devices Market Size by Region (2020-2025)
- Figure 40. North America Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America Temperature Protection Devices Sales Market Share by Country in 2024
- Figure 43. North America Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Temperature Protection Devices Market Size by Country in 2024
- Figure 45. U.S. Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Temperature Protection Devices Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada Temperature Protection Devices Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Temperature Protection Devices Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico Temperature Protection Devices Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe Temperature Protection Devices Sales Market Share by Country in 2024

Figure 53. Europe Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Temperature Protection Devices Market Size by Country in 2024

Figure 55. Germany Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Temperature Protection Devices Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Temperature Protection Devices Sales Market Share by Region in 2024

Figure 67. Asia Pacific Temperature Protection Devices Market Size by Region in 2024

Figure 68. China Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Temperature Protection Devices Market Size and Growth Rate

(2020-2025) & (M USD)

Figure 74. India Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Temperature Protection Devices Sales and Growth Rate (K Units)

Figure 79. South America Temperature Protection Devices Sales Market Share by Country in 2024

Figure 80. South America Temperature Protection Devices Market Size and Growth Rate (M USD)

Figure 81. South America Temperature Protection Devices Market Size by Country in 2024

Figure 82. Brazil Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Temperature Protection Devices Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Temperature Protection Devices Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Temperature Protection Devices Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Temperature Protection Devices Market Size by Region in 2024

Figure 92. Saudi Arabia Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)

- Figure 93. Saudi Arabia Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 94. UAE Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)
- Figure 95. UAE Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 96. Egypt Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)
- Figure 97. Egypt Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 98. Nigeria Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)
- Figure 99. Nigeria Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 100. South Africa Temperature Protection Devices Sales and Growth Rate (2020-2025) & (K Units)
- Figure 101. South Africa Temperature Protection Devices Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 102. Global Temperature Protection Devices Production Market Share by Region (2020-2025)
- Figure 103. North America Temperature Protection Devices Production (K Units) Growth Rate (2020-2025)
- Figure 104. Europe Temperature Protection Devices Production (K Units) Growth Rate (2020-2025)
- Figure 105. Japan Temperature Protection Devices Production (K Units) Growth Rate (2020-2025)
- Figure 106. China Temperature Protection Devices Production (K Units) Growth Rate (2020-2025)
- Figure 107. Global Temperature Protection Devices Sales Forecast by Volume (2020-2035) & (K Units)
- Figure 108. Global Temperature Protection Devices Market Size Forecast by Value (2020-2035) & (M USD)
- Figure 109. Global Temperature Protection Devices Sales Market Share Forecast by Type (2026-2035)
- Figure 110. Global Temperature Protection Devices Market Share Forecast by Type (2026-2035)
- Figure 111. Global Temperature Protection Devices Sales Forecast by Application (2026-2035)
- Figure 112. Global Temperature Protection Devices Market Share Forecast by

Application (2026-2035)

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