

# Global Directional Feeder Protection Relay Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GF4B6DFE8E43EN.html>

Date: November 2023

Pages: 99

Price: US\$ 4,480.00 (Single User License)

ID: GF4B6DFE8E43EN

## Abstracts

The global Directional Feeder Protection Relay market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Directional feeder protection relay is an electronic device used in electrical power systems to detect and protect against faults and abnormal operating conditions in feeder circuits. It is designed to monitor the direction of current flow and voltage across the feeder, ensuring that power flows only in the intended direction and protecting against issues such as overcurrent, undercurrent, reverse power flow, and other faults that may occur. The relay operates quickly to isolate the faulted section of the circuit, minimizing the impact and preventing damage to equipment and disruption in power supply.

This report studies the global Directional Feeder Protection Relay production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Directional Feeder Protection Relay, 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 Directional Feeder Protection Relay that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Directional Feeder Protection Relay total production and demand, 2018-2029, (K Units)

Global Directional Feeder Protection Relay total production value, 2018-2029, (USD Million)

Global Directional Feeder Protection Relay production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Directional Feeder Protection Relay consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Directional Feeder Protection Relay domestic production, consumption, key domestic manufacturers and share

Global Directional Feeder Protection Relay production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Directional Feeder Protection Relay production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Directional Feeder Protection Relay production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Directional Feeder Protection Relay 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 SEG Electronics, DSG Enterprises, ASHIDA, Arcteq, GE, ABB, SEL, C&S Electric and Gentec, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Directional Feeder Protection Relay market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) 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 Directional Feeder Protection Relay Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Directional Feeder Protection Relay Market, Segmentation by Type

LCD Type

Touch Screen Type

Others

#### Global Directional Feeder Protection Relay Market, Segmentation by Application

Industrial

Electronic

Others

## Companies Profiled:

SEG Electronics

DSG Enterprises

ASHIDA

Arcteq

GE

ABB

SEL

C&S Electric

Gentec

## Key Questions Answered

1. How big is the global Directional Feeder Protection Relay market?
2. What is the demand of the global Directional Feeder Protection Relay market?
3. What is the year over year growth of the global Directional Feeder Protection Relay market?
4. What is the production and production value of the global Directional Feeder Protection Relay market?
5. Who are the key producers in the global Directional Feeder Protection Relay market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Directional Feeder Protection Relay Introduction
- 1.2 World Directional Feeder Protection Relay Supply & Forecast
  - 1.2.1 World Directional Feeder Protection Relay Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Directional Feeder Protection Relay Production (2018-2029)
  - 1.2.3 World Directional Feeder Protection Relay Pricing Trends (2018-2029)
- 1.3 World Directional Feeder Protection Relay Production by Region (Based on Production Site)
  - 1.3.1 World Directional Feeder Protection Relay Production Value by Region (2018-2029)
  - 1.3.2 World Directional Feeder Protection Relay Production by Region (2018-2029)
  - 1.3.3 World Directional Feeder Protection Relay Average Price by Region (2018-2029)
  - 1.3.4 North America Directional Feeder Protection Relay Production (2018-2029)
  - 1.3.5 Europe Directional Feeder Protection Relay Production (2018-2029)
  - 1.3.6 China Directional Feeder Protection Relay Production (2018-2029)
  - 1.3.7 Japan Directional Feeder Protection Relay Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Directional Feeder Protection Relay Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Directional Feeder Protection Relay Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Directional Feeder Protection Relay Demand (2018-2029)
- 2.2 World Directional Feeder Protection Relay Consumption by Region
  - 2.2.1 World Directional Feeder Protection Relay Consumption by Region (2018-2023)
  - 2.2.2 World Directional Feeder Protection Relay Consumption Forecast by Region (2024-2029)
- 2.3 United States Directional Feeder Protection Relay Consumption (2018-2029)
- 2.4 China Directional Feeder Protection Relay Consumption (2018-2029)
- 2.5 Europe Directional Feeder Protection Relay Consumption (2018-2029)
- 2.6 Japan Directional Feeder Protection Relay Consumption (2018-2029)
- 2.7 South Korea Directional Feeder Protection Relay Consumption (2018-2029)
- 2.8 ASEAN Directional Feeder Protection Relay Consumption (2018-2029)
- 2.9 India Directional Feeder Protection Relay Consumption (2018-2029)

### **3 WORLD DIRECTIONAL FEEDER PROTECTION RELAY MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Directional Feeder Protection Relay Production Value by Manufacturer (2018-2023)

3.2 World Directional Feeder Protection Relay Production by Manufacturer (2018-2023)

3.3 World Directional Feeder Protection Relay Average Price by Manufacturer (2018-2023)

3.4 Directional Feeder Protection Relay Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Directional Feeder Protection Relay Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Directional Feeder Protection Relay in 2022

3.5.3 Global Concentration Ratios (CR8) for Directional Feeder Protection Relay in 2022

3.6 Directional Feeder Protection Relay Market: Overall Company Footprint Analysis

3.6.1 Directional Feeder Protection Relay Market: Region Footprint

3.6.2 Directional Feeder Protection Relay Market: Company Product Type Footprint

3.6.3 Directional Feeder Protection Relay Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

4.1 United States VS China: Directional Feeder Protection Relay Production Value Comparison

4.1.1 United States VS China: Directional Feeder Protection Relay Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Directional Feeder Protection Relay Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Directional Feeder Protection Relay Production Comparison

4.2.1 United States VS China: Directional Feeder Protection Relay Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Directional Feeder Protection Relay Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Directional Feeder Protection Relay Consumption Comparison

4.3.1 United States VS China: Directional Feeder Protection Relay Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Directional Feeder Protection Relay Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Directional Feeder Protection Relay Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Directional Feeder Protection Relay Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Directional Feeder Protection Relay Production Value (2018-2023)

4.4.3 United States Based Manufacturers Directional Feeder Protection Relay Production (2018-2023)

4.5 China Based Directional Feeder Protection Relay Manufacturers and Market Share

4.5.1 China Based Directional Feeder Protection Relay Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Directional Feeder Protection Relay Production Value (2018-2023)

4.5.3 China Based Manufacturers Directional Feeder Protection Relay Production (2018-2023)

4.6 Rest of World Based Directional Feeder Protection Relay Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Directional Feeder Protection Relay Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Directional Feeder Protection Relay Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Directional Feeder Protection Relay Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Directional Feeder Protection Relay Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 LCD Type

5.2.2 Touch Screen Type

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Directional Feeder Protection Relay Production by Type (2018-2029)

5.3.2 World Directional Feeder Protection Relay Production Value by Type (2018-2029)

5.3.3 World Directional Feeder Protection Relay Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Directional Feeder Protection Relay Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Industrial

6.2.2 Electronic

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World Directional Feeder Protection Relay Production by Application (2018-2029)

6.3.2 World Directional Feeder Protection Relay Production Value by Application (2018-2029)

6.3.3 World Directional Feeder Protection Relay Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 SEG Electronics

7.1.1 SEG Electronics Details

7.1.2 SEG Electronics Major Business

7.1.3 SEG Electronics Directional Feeder Protection Relay Product and Services

7.1.4 SEG Electronics Directional Feeder Protection Relay Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 SEG Electronics Recent Developments/Updates

7.1.6 SEG Electronics Competitive Strengths & Weaknesses

7.2 DSG Enterprises

7.2.1 DSG Enterprises Details

7.2.2 DSG Enterprises Major Business

7.2.3 DSG Enterprises Directional Feeder Protection Relay Product and Services



7.2.4 DSG Enterprises Directional Feeder Protection Relay Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 DSG Enterprises Recent Developments/Updates

7.2.6 DSG Enterprises Competitive Strengths & Weaknesses

7.3 ASHIDA

7.3.1 ASHIDA Details

7.3.2 ASHIDA Major Business

7.3.3 ASHIDA Directional Feeder Protection Relay Product and Services

7.3.4 ASHIDA Directional Feeder Protection Relay Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 ASHIDA Recent Developments/Updates

7.3.6 ASHIDA Competitive Strengths & Weaknesses

7.4 Arcteq

7.4.1 Arcteq Details

7.4.2 Arcteq Major Business

7.4.3 Arcteq Directional Feeder Protection Relay Product and Services

7.4.4 Arcteq Directional Feeder Protection Relay Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Arcteq Recent Developments/Updates

7.4.6 Arcteq Competitive Strengths & Weaknesses

7.5 GE

7.5.1 GE Details

7.5.2 GE Major Business

7.5.3 GE Directional Feeder Protection Relay Product and Services

7.5.4 GE Directional Feeder Protection Relay Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 GE Recent Developments/Updates

7.5.6 GE Competitive Strengths & Weaknesses

7.6 ABB

7.6.1 ABB Details

7.6.2 ABB Major Business

7.6.3 ABB Directional Feeder Protection Relay Product and Services

7.6.4 ABB Directional Feeder Protection Relay Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 ABB Recent Developments/Updates

7.6.6 ABB Competitive Strengths & Weaknesses

7.7 SEL

7.7.1 SEL Details

7.7.2 SEL Major Business

- 7.7.3 SEL Directional Feeder Protection Relay Product and Services
- 7.7.4 SEL Directional Feeder Protection Relay Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.7.5 SEL Recent Developments/Updates
- 7.7.6 SEL Competitive Strengths & Weaknesses
- 7.8 C&S Electric
  - 7.8.1 C&S Electric Details
  - 7.8.2 C&S Electric Major Business
  - 7.8.3 C&S Electric Directional Feeder Protection Relay Product and Services
  - 7.8.4 C&S Electric Directional Feeder Protection Relay Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 C&S Electric Recent Developments/Updates
  - 7.8.6 C&S Electric Competitive Strengths & Weaknesses
- 7.9 Gentec
  - 7.9.1 Gentec Details
  - 7.9.2 Gentec Major Business
  - 7.9.3 Gentec Directional Feeder Protection Relay Product and Services
  - 7.9.4 Gentec Directional Feeder Protection Relay Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Gentec Recent Developments/Updates
  - 7.9.6 Gentec Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Directional Feeder Protection Relay Industry Chain
- 8.2 Directional Feeder Protection Relay Upstream Analysis
  - 8.2.1 Directional Feeder Protection Relay Core Raw Materials
  - 8.2.2 Main Manufacturers of Directional Feeder Protection Relay Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Directional Feeder Protection Relay Production Mode
- 8.6 Directional Feeder Protection Relay Procurement Model
- 8.7 Directional Feeder Protection Relay Industry Sales Model and Sales Channels
  - 8.7.1 Directional Feeder Protection Relay Sales Model
  - 8.7.2 Directional Feeder Protection Relay Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Directional Feeder Protection Relay Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Directional Feeder Protection Relay Production Value by Region (2018-2023) & (USD Million)

Table 3. World Directional Feeder Protection Relay Production Value by Region (2024-2029) & (USD Million)

Table 4. World Directional Feeder Protection Relay Production Value Market Share by Region (2018-2023)

Table 5. World Directional Feeder Protection Relay Production Value Market Share by Region (2024-2029)

Table 6. World Directional Feeder Protection Relay Production by Region (2018-2023) & (K Units)

Table 7. World Directional Feeder Protection Relay Production by Region (2024-2029) & (K Units)

Table 8. World Directional Feeder Protection Relay Production Market Share by Region (2018-2023)

Table 9. World Directional Feeder Protection Relay Production Market Share by Region (2024-2029)

Table 10. World Directional Feeder Protection Relay Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Directional Feeder Protection Relay Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Directional Feeder Protection Relay Major Market Trends

Table 13. World Directional Feeder Protection Relay Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Directional Feeder Protection Relay Consumption by Region (2018-2023) & (K Units)

Table 15. World Directional Feeder Protection Relay Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Directional Feeder Protection Relay Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Directional Feeder Protection Relay Producers in 2022

Table 18. World Directional Feeder Protection Relay Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Directional Feeder Protection Relay Producers in 2022

Table 20. World Directional Feeder Protection Relay Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Directional Feeder Protection Relay Company Evaluation Quadrant

Table 22. World Directional Feeder Protection Relay Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Directional Feeder Protection Relay Production Site of Key Manufacturer

Table 24. Directional Feeder Protection Relay Market: Company Product Type Footprint

Table 25. Directional Feeder Protection Relay Market: Company Product Application Footprint

Table 26. Directional Feeder Protection Relay Competitive Factors

Table 27. Directional Feeder Protection Relay New Entrant and Capacity Expansion Plans

Table 28. Directional Feeder Protection Relay Mergers & Acquisitions Activity

Table 29. United States VS China Directional Feeder Protection Relay Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Directional Feeder Protection Relay Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Directional Feeder Protection Relay Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Directional Feeder Protection Relay Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Directional Feeder Protection Relay Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Directional Feeder Protection Relay Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Directional Feeder Protection Relay Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Directional Feeder Protection Relay Production Market Share (2018-2023)

Table 37. China Based Directional Feeder Protection Relay Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Directional Feeder Protection Relay Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Directional Feeder Protection Relay Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Directional Feeder Protection Relay Production

(2018-2023) & (K Units)

Table 41. China Based Manufacturers Directional Feeder Protection Relay Production Market Share (2018-2023)

Table 42. Rest of World Based Directional Feeder Protection Relay Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Directional Feeder Protection Relay Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Directional Feeder Protection Relay Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Directional Feeder Protection Relay Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Directional Feeder Protection Relay Production Market Share (2018-2023)

Table 47. World Directional Feeder Protection Relay Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Directional Feeder Protection Relay Production by Type (2018-2023) & (K Units)

Table 49. World Directional Feeder Protection Relay Production by Type (2024-2029) & (K Units)

Table 50. World Directional Feeder Protection Relay Production Value by Type (2018-2023) & (USD Million)

Table 51. World Directional Feeder Protection Relay Production Value by Type (2024-2029) & (USD Million)

Table 52. World Directional Feeder Protection Relay Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Directional Feeder Protection Relay Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Directional Feeder Protection Relay Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Directional Feeder Protection Relay Production by Application (2018-2023) & (K Units)

Table 56. World Directional Feeder Protection Relay Production by Application (2024-2029) & (K Units)

Table 57. World Directional Feeder Protection Relay Production Value by Application (2018-2023) & (USD Million)

Table 58. World Directional Feeder Protection Relay Production Value by Application (2024-2029) & (USD Million)

Table 59. World Directional Feeder Protection Relay Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Directional Feeder Protection Relay Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. SEG Electronics Basic Information, Manufacturing Base and Competitors

Table 62. SEG Electronics Major Business

Table 63. SEG Electronics Directional Feeder Protection Relay Product and Services

Table 64. SEG Electronics Directional Feeder Protection Relay Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. SEG Electronics Recent Developments/Updates

Table 66. SEG Electronics Competitive Strengths & Weaknesses

Table 67. DSG Enterprises Basic Information, Manufacturing Base and Competitors

Table 68. DSG Enterprises Major Business

Table 69. DSG Enterprises Directional Feeder Protection Relay Product and Services

Table 70. DSG Enterprises Directional Feeder Protection Relay Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. DSG Enterprises Recent Developments/Updates

Table 72. DSG Enterprises Competitive Strengths & Weaknesses

Table 73. ASHIDA Basic Information, Manufacturing Base and Competitors

Table 74. ASHIDA Major Business

Table 75. ASHIDA Directional Feeder Protection Relay Product and Services

Table 76. ASHIDA Directional Feeder Protection Relay Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. ASHIDA Recent Developments/Updates

Table 78. ASHIDA Competitive Strengths & Weaknesses

Table 79. Arcteq Basic Information, Manufacturing Base and Competitors

Table 80. Arcteq Major Business

Table 81. Arcteq Directional Feeder Protection Relay Product and Services

Table 82. Arcteq Directional Feeder Protection Relay Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Arcteq Recent Developments/Updates

Table 84. Arcteq Competitive Strengths & Weaknesses

Table 85. GE Basic Information, Manufacturing Base and Competitors

Table 86. GE Major Business

Table 87. GE Directional Feeder Protection Relay Product and Services

Table 88. GE Directional Feeder Protection Relay Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 89. GE Recent Developments/Updates

Table 90. GE Competitive Strengths & Weaknesses

Table 91. ABB Basic Information, Manufacturing Base and Competitors

Table 92. ABB Major Business

Table 93. ABB Directional Feeder Protection Relay Product and Services

Table 94. ABB Directional Feeder Protection Relay Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. ABB Recent Developments/Updates

Table 96. ABB Competitive Strengths & Weaknesses

Table 97. SEL Basic Information, Manufacturing Base and Competitors

Table 98. SEL Major Business

Table 99. SEL Directional Feeder Protection Relay Product and Services

Table 100. SEL Directional Feeder Protection Relay Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. SEL Recent Developments/Updates

Table 102. SEL Competitive Strengths & Weaknesses

Table 103. C&S Electric Basic Information, Manufacturing Base and Competitors

Table 104. C&S Electric Major Business

Table 105. C&S Electric Directional Feeder Protection Relay Product and Services

Table 106. C&S Electric Directional Feeder Protection Relay Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. C&S Electric Recent Developments/Updates

Table 108. Gentec Basic Information, Manufacturing Base and Competitors

Table 109. Gentec Major Business

Table 110. Gentec Directional Feeder Protection Relay Product and Services

Table 111. Gentec Directional Feeder Protection Relay Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 112. Global Key Players of Directional Feeder Protection Relay Upstream (Raw Materials)

Table 113. Directional Feeder Protection Relay Typical Customers

Table 114. Directional Feeder Protection Relay Typical Distributors

## **LIST OF FIGURE**



Figure 1. Directional Feeder Protection Relay Picture

Figure 2. World Directional Feeder Protection Relay Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Directional Feeder Protection Relay Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Directional Feeder Protection Relay Production (2018-2029) & (K Units)

Figure 5. World Directional Feeder Protection Relay Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Directional Feeder Protection Relay Production Value Market Share by Region (2018-2029)

Figure 7. World Directional Feeder Protection Relay Production Market Share by Region (2018-2029)

Figure 8. North America Directional Feeder Protection Relay Production (2018-2029) & (K Units)

Figure 9. Europe Directional Feeder Protection Relay Production (2018-2029) & (K Units)

Figure 10. China Directional Feeder Protection Relay Production (2018-2029) & (K Units)

Figure 11. Japan Directional Feeder Protection Relay Production (2018-2029) & (K Units)

Figure 12. Directional Feeder Protection Relay Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Directional Feeder Protection Relay Consumption (2018-2029) & (K Units)

Figure 15. World Directional Feeder Protection Relay Consumption Market Share by Region (2018-2029)

Figure 16. United States Directional Feeder Protection Relay Consumption (2018-2029) & (K Units)

Figure 17. China Directional Feeder Protection Relay Consumption (2018-2029) & (K Units)

Figure 18. Europe Directional Feeder Protection Relay Consumption (2018-2029) & (K Units)

Figure 19. Japan Directional Feeder Protection Relay Consumption (2018-2029) & (K Units)

Figure 20. South Korea Directional Feeder Protection Relay Consumption (2018-2029) & (K Units)

Figure 21. ASEAN Directional Feeder Protection Relay Consumption (2018-2029) & (K Units)

Figure 22. India Directional Feeder Protection Relay Consumption (2018-2029) & (K Units)

Units)

Figure 23. Producer Shipments of Directional Feeder Protection Relay by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Directional Feeder Protection Relay Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Directional Feeder Protection Relay Markets in 2022

Figure 26. United States VS China: Directional Feeder Protection Relay Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Directional Feeder Protection Relay Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Directional Feeder Protection Relay Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Directional Feeder Protection Relay Production Market Share 2022

Figure 30. China Based Manufacturers Directional Feeder Protection Relay Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Directional Feeder Protection Relay Production Market Share 2022

Figure 32. World Directional Feeder Protection Relay Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Directional Feeder Protection Relay Production Value Market Share by Type in 2022

Figure 34. LCD Type

Figure 35. Touch Screen Type

Figure 36. Others

Figure 37. World Directional Feeder Protection Relay Production Market Share by Type (2018-2029)

Figure 38. World Directional Feeder Protection Relay Production Value Market Share by Type (2018-2029)

Figure 39. World Directional Feeder Protection Relay Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Directional Feeder Protection Relay Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Directional Feeder Protection Relay Production Value Market Share by Application in 2022

Figure 42. Industrial

Figure 43. Electronic

Figure 44. Others

Figure 45. World Directional Feeder Protection Relay Production Market Share by Application (2018-2029)

Figure 46. World Directional Feeder Protection Relay Production Value Market Share by Application (2018-2029)

Figure 47. World Directional Feeder Protection Relay Average Price by Application (2018-2029) & (US\$/Unit)

Figure 48. Directional Feeder Protection Relay Industry Chain

Figure 49. Directional Feeder Protection Relay Procurement Model

Figure 50. Directional Feeder Protection Relay Sales Model

Figure 51. Directional Feeder Protection Relay Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

## I would like to order

Product name: Global Directional Feeder Protection Relay Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GF4B6DFE8E43EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF4B6DFE8E43EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

