

Global Surge Protection Devices for Telecommunications Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G3E235108013EN.html

Date: February 2023

Pages: 117

Price: US\$ 3,480.00 (Single User License)

ID: G3E235108013EN

Abstracts

According to our (Global Info Research) latest study, the global Surge Protection Devices for Telecommunications market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Surge Protection Devices for Telecommunications market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Surge Protection Devices for Telecommunications market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Surge Protection Devices for Telecommunications market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Surge Protection Devices for Telecommunications market size and forecasts, by



Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Surge Protection Devices for Telecommunications market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Surge Protection Devices for Telecommunications

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Surge Protection Devices for Telecommunications 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 Bourns, Littelfuse, Phoenix Contact, EATON and Schneider Electric, etc.

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

Market Segmentation

Surge Protection Devices for Telecommunications market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Type 1 (Cope Direct Strike)

Type 2 (Limits Over Voltages)



Type 1+2 (Complete	Protection)
------------	----------	-------------

Market	segment by Application
	In-door
(Out-door
Major pl	layers covered
I	Bourns
	Littelfuse
	Phoenix Contact
	EATON
;	Schneider Electric
ا	Huber+Suhner
I	Britec Electric
	TDK
,	Weidmuller
	American Power Conversion
	ASCO Power Technologies
	L-com
;	SolaHD



Transtector Systems
Tripp Lite
INDELEC
CITEL
SALTEK

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

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

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

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

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

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

Chapter 1, to describe Surge Protection Devices for Telecommunications product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Surge Protection Devices for Telecommunications, with price, sales, revenue and global market share of Surge Protection Devices for Telecommunications from 2018 to 2023.

Chapter 3, the Surge Protection Devices for Telecommunications competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Surge Protection Devices for Telecommunications breakdown data are



shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and Surge Protection Devices for Telecommunications market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Surge Protection Devices for Telecommunications.

Chapter 14 and 15, to describe Surge Protection Devices for Telecommunications sales channel, distributors, customers, research findings and conclusion.



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Surge Protection Devices for Telecommunications
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Surge Protection Devices for Telecommunications

Consumption Value by Type: 2018 Versus 2022 Versus 2029

- 1.3.2 Type 1 (Cope Direct Strike)
- 1.3.3 Type 2 (Limits Over Voltages)
- 1.3.4 Type 1+2 (Complete Protection)
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Surge Protection Devices for Telecommunications

Consumption Value by Application: 2018 Versus 2022 Versus 2029

- 1.4.2 In-door
- 1.4.3 Out-door
- 1.5 Global Surge Protection Devices for Telecommunications Market Size & Forecast
- 1.5.1 Global Surge Protection Devices for Telecommunications Consumption Value (2018 & 2022 & 2029)
- 1.5.2 Global Surge Protection Devices for Telecommunications Sales Quantity (2018-2029)
- 1.5.3 Global Surge Protection Devices for Telecommunications Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Bourns
 - 2.1.1 Bourns Details
 - 2.1.2 Bourns Major Business
 - 2.1.3 Bourns Surge Protection Devices for Telecommunications Product and Services
 - 2.1.4 Bourns Surge Protection Devices for Telecommunications Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.1.5 Bourns Recent Developments/Updates
- 2.2 Littelfuse
 - 2.2.1 Littelfuse Details
 - 2.2.2 Littelfuse Major Business
- 2.2.3 Littelfuse Surge Protection Devices for Telecommunications Product and Services



- 2.2.4 Littelfuse Surge Protection Devices for Telecommunications Sales Quantity,
- Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.2.5 Littelfuse Recent Developments/Updates
- 2.3 Phoenix Contact
 - 2.3.1 Phoenix Contact Details
 - 2.3.2 Phoenix Contact Major Business
- 2.3.3 Phoenix Contact Surge Protection Devices for Telecommunications Product and Services
- 2.3.4 Phoenix Contact Surge Protection Devices for Telecommunications Sales

Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.3.5 Phoenix Contact Recent Developments/Updates
- 2.4 EATON
 - 2.4.1 EATON Details
 - 2.4.2 EATON Major Business
 - 2.4.3 EATON Surge Protection Devices for Telecommunications Product and Services
- 2.4.4 EATON Surge Protection Devices for Telecommunications Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.4.5 EATON Recent Developments/Updates
- 2.5 Schneider Electric
 - 2.5.1 Schneider Electric Details
 - 2.5.2 Schneider Electric Major Business
- 2.5.3 Schneider Electric Surge Protection Devices for Telecommunications Product and Services
- 2.5.4 Schneider Electric Surge Protection Devices for Telecommunications Sales

Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.5.5 Schneider Electric Recent Developments/Updates
- 2.6 Huber+Suhner
 - 2.6.1 Huber+Suhner Details
 - 2.6.2 Huber+Suhner Major Business
- 2.6.3 Huber+Suhner Surge Protection Devices for Telecommunications Product and Services
- 2.6.4 Huber+Suhner Surge Protection Devices for Telecommunications Sales

Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.6.5 Huber+Suhner Recent Developments/Updates
- 2.7 Britec Electric
 - 2.7.1 Britec Electric Details
 - 2.7.2 Britec Electric Major Business
- 2.7.3 Britec Electric Surge Protection Devices for Telecommunications Product and Services



- 2.7.4 Britec Electric Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.7.5 Britec Electric Recent Developments/Updates
- 2.8 TDK
 - 2.8.1 TDK Details
- 2.8.2 TDK Major Business
- 2.8.3 TDK Surge Protection Devices for Telecommunications Product and Services
- 2.8.4 TDK Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 TDK Recent Developments/Updates
- 2.9 Weidm?ller
 - 2.9.1 Weidm?ller Details
 - 2.9.2 Weidm?ller Major Business
- 2.9.3 Weidm?ller Surge Protection Devices for Telecommunications Product and Services
- 2.9.4 Weidm?ller Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Weidm?ller Recent Developments/Updates
- 2.10 American Power Conversion
 - 2.10.1 American Power Conversion Details
 - 2.10.2 American Power Conversion Major Business
- 2.10.3 American Power Conversion Surge Protection Devices for Telecommunications Product and Services
- 2.10.4 American Power Conversion Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 American Power Conversion Recent Developments/Updates
- 2.11 ASCO Power Technologies
 - 2.11.1 ASCO Power Technologies Details
 - 2.11.2 ASCO Power Technologies Major Business
- 2.11.3 ASCO Power Technologies Surge Protection Devices for Telecommunications Product and Services
- 2.11.4 ASCO Power Technologies Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 ASCO Power Technologies Recent Developments/Updates
- 2.12 L-com
 - 2.12.1 L-com Details
 - 2.12.2 L-com Major Business
 - 2.12.3 L-com Surge Protection Devices for Telecommunications Product and Services
 - 2.12.4 L-com Surge Protection Devices for Telecommunications Sales Quantity,



Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.12.5 L-com Recent Developments/Updates
- 2.13 SolaHD
 - 2.13.1 SolaHD Details
 - 2.13.2 SolaHD Major Business
- 2.13.3 SolaHD Surge Protection Devices for Telecommunications Product and Services
- 2.13.4 SolaHD Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.13.5 SolaHD Recent Developments/Updates
- 2.14 Transtector Systems
 - 2.14.1 Transtector Systems Details
 - 2.14.2 Transtector Systems Major Business
- 2.14.3 Transtector Systems Surge Protection Devices for Telecommunications Product and Services
- 2.14.4 Transtector Systems Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.14.5 Transtector Systems Recent Developments/Updates
- 2.15 Tripp Lite
 - 2.15.1 Tripp Lite Details
 - 2.15.2 Tripp Lite Major Business
- 2.15.3 Tripp Lite Surge Protection Devices for Telecommunications Product and Services
- 2.15.4 Tripp Lite Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.15.5 Tripp Lite Recent Developments/Updates
- 2.16 INDELEC
 - 2.16.1 INDELEC Details
 - 2.16.2 INDELEC Major Business
- 2.16.3 INDELEC Surge Protection Devices for Telecommunications Product and Services
- 2.16.4 INDELEC Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.16.5 INDELEC Recent Developments/Updates
- 2.17 CITEL
 - 2.17.1 CITEL Details
 - 2.17.2 CITEL Major Business
- 2.17.3 CITEL Surge Protection Devices for Telecommunications Product and Services
- 2.17.4 CITEL Surge Protection Devices for Telecommunications Sales Quantity,



Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.17.5 CITEL Recent Developments/Updates
- 2.18 SALTEK
 - 2.18.1 SALTEK Details
 - 2.18.2 SALTEK Major Business
- 2.18.3 SALTEK Surge Protection Devices for Telecommunications Product and Services
- 2.18.4 SALTEK Surge Protection Devices for Telecommunications Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.18.5 SALTEK Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SURGE PROTECTION DEVICES FOR TELECOMMUNICATIONS BY MANUFACTURER

- 3.1 Global Surge Protection Devices for Telecommunications Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Surge Protection Devices for Telecommunications Revenue by Manufacturer (2018-2023)
- 3.3 Global Surge Protection Devices for Telecommunications Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
- 3.4.1 Producer Shipments of Surge Protection Devices for Telecommunications by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- 3.4.2 Top 3 Surge Protection Devices for Telecommunications Manufacturer Market Share in 2022
- 3.4.2 Top 6 Surge Protection Devices for Telecommunications Manufacturer Market Share in 2022
- 3.5 Surge Protection Devices for Telecommunications Market: Overall Company Footprint Analysis
 - 3.5.1 Surge Protection Devices for Telecommunications Market: Region Footprint
- 3.5.2 Surge Protection Devices for Telecommunications Market: Company Product Type Footprint
- 3.5.3 Surge Protection Devices for Telecommunications Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION



- 4.1 Global Surge Protection Devices for Telecommunications Market Size by Region
- 4.1.1 Global Surge Protection Devices for Telecommunications Sales Quantity by Region (2018-2029)
- 4.1.2 Global Surge Protection Devices for Telecommunications Consumption Value by Region (2018-2029)
- 4.1.3 Global Surge Protection Devices for Telecommunications Average Price by Region (2018-2029)
- 4.2 North America Surge Protection Devices for Telecommunications Consumption Value (2018-2029)
- 4.3 Europe Surge Protection Devices for Telecommunications Consumption Value (2018-2029)
- 4.4 Asia-Pacific Surge Protection Devices for Telecommunications Consumption Value (2018-2029)
- 4.5 South America Surge Protection Devices for Telecommunications Consumption Value (2018-2029)
- 4.6 Middle East and Africa Surge Protection Devices for Telecommunications Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2029)
- 5.2 Global Surge Protection Devices for Telecommunications Consumption Value by Type (2018-2029)
- 5.3 Global Surge Protection Devices for Telecommunications Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2029)
- 6.2 Global Surge Protection Devices for Telecommunications Consumption Value by Application (2018-2029)
- 6.3 Global Surge Protection Devices for Telecommunications Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Surge Protection Devices for Telecommunications Sales Quantity by



Type (2018-2029)

- 7.2 North America Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2029)
- 7.3 North America Surge Protection Devices for Telecommunications Market Size by Country
- 7.3.1 North America Surge Protection Devices for Telecommunications Sales Quantity by Country (2018-2029)
- 7.3.2 North America Surge Protection Devices for Telecommunications Consumption Value by Country (2018-2029)
 - 7.3.3 United States Market Size and Forecast (2018-2029)
 - 7.3.4 Canada Market Size and Forecast (2018-2029)
 - 7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

- 8.1 Europe Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2029)
- 8.2 Europe Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2029)
- 8.3 Europe Surge Protection Devices for Telecommunications Market Size by Country
- 8.3.1 Europe Surge Protection Devices for Telecommunications Sales Quantity by Country (2018-2029)
- 8.3.2 Europe Surge Protection Devices for Telecommunications Consumption Value by Country (2018-2029)
 - 8.3.3 Germany Market Size and Forecast (2018-2029)
 - 8.3.4 France Market Size and Forecast (2018-2029)
 - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
 - 8.3.6 Russia Market Size and Forecast (2018-2029)
 - 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Surge Protection Devices for Telecommunications Market Size by Region
- 9.3.1 Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity by



Region (2018-2029)

- 9.3.2 Asia-Pacific Surge Protection Devices for Telecommunications Consumption Value by Region (2018-2029)
 - 9.3.3 China Market Size and Forecast (2018-2029)
 - 9.3.4 Japan Market Size and Forecast (2018-2029)
 - 9.3.5 Korea Market Size and Forecast (2018-2029)
 - 9.3.6 India Market Size and Forecast (2018-2029)
 - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
 - 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

- 10.1 South America Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2029)
- 10.2 South America Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2029)
- 10.3 South America Surge Protection Devices for Telecommunications Market Size by Country
- 10.3.1 South America Surge Protection Devices for Telecommunications Sales Quantity by Country (2018-2029)
- 10.3.2 South America Surge Protection Devices for Telecommunications Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Surge Protection Devices for Telecommunications Market Size by Country
- 11.3.1 Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity by Country (2018-2029)
- 11.3.2 Middle East & Africa Surge Protection Devices for Telecommunications Consumption Value by Country (2018-2029)
 - 11.3.3 Turkey Market Size and Forecast (2018-2029)
 - 11.3.4 Egypt Market Size and Forecast (2018-2029)



- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
- 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 Surge Protection Devices for Telecommunications Market Drivers
- 12.2 Surge Protection Devices for Telecommunications Market Restraints
- 12.3 Surge Protection Devices for Telecommunications Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
 - 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Surge Protection Devices for Telecommunications and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Surge Protection Devices for Telecommunications
- 13.3 Surge Protection Devices for Telecommunications Production Process
- 13.4 Surge Protection Devices for Telecommunications Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Surge Protection Devices for Telecommunications Typical Distributors
- 14.3 Surge Protection Devices for Telecommunications Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX



- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



List Of Tables

LIST OF TABLES

- Table 1. Global Surge Protection Devices for Telecommunications Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global Surge Protection Devices for Telecommunications Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. Bourns Basic Information, Manufacturing Base and Competitors
- Table 4. Bourns Major Business
- Table 5. Bourns Surge Protection Devices for Telecommunications Product and Services
- Table 6. Bourns Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. Bourns Recent Developments/Updates
- Table 8. Littelfuse Basic Information, Manufacturing Base and Competitors
- Table 9. Littelfuse Major Business
- Table 10. Littelfuse Surge Protection Devices for Telecommunications Product and Services
- Table 11. Littelfuse Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. Littelfuse Recent Developments/Updates
- Table 13. Phoenix Contact Basic Information, Manufacturing Base and Competitors
- Table 14. Phoenix Contact Major Business
- Table 15. Phoenix Contact Surge Protection Devices for Telecommunications Product and Services
- Table 16. Phoenix Contact Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. Phoenix Contact Recent Developments/Updates
- Table 18. EATON Basic Information, Manufacturing Base and Competitors
- Table 19. EATON Major Business
- Table 20. EATON Surge Protection Devices for Telecommunications Product and Services
- Table 21. EATON Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)



- Table 22. EATON Recent Developments/Updates
- Table 23. Schneider Electric Basic Information, Manufacturing Base and Competitors
- Table 24. Schneider Electric Major Business
- Table 25. Schneider Electric Surge Protection Devices for Telecommunications Product and Services
- Table 26. Schneider Electric Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. Schneider Electric Recent Developments/Updates
- Table 28. Huber+Suhner Basic Information, Manufacturing Base and Competitors
- Table 29. Huber+Suhner Major Business
- Table 30. Huber+Suhner Surge Protection Devices for Telecommunications Product and Services
- Table 31. Huber+Suhner Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. Huber+Suhner Recent Developments/Updates
- Table 33. Britec Electric Basic Information, Manufacturing Base and Competitors
- Table 34. Britec Electric Major Business
- Table 35. Britec Electric Surge Protection Devices for Telecommunications Product and Services
- Table 36. Britec Electric Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Britec Electric Recent Developments/Updates
- Table 38. TDK Basic Information, Manufacturing Base and Competitors
- Table 39. TDK Major Business
- Table 40. TDK Surge Protection Devices for Telecommunications Product and Services
- Table 41. TDK Surge Protection Devices for Telecommunications Sales Quantity (K
- Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. TDK Recent Developments/Updates
- Table 43. Weidm?ller Basic Information, Manufacturing Base and Competitors
- Table 44. Weidm?ller Major Business
- Table 45. Weidm?ller Surge Protection Devices for Telecommunications Product and Services
- Table 46. Weidm?ller Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)



Table 47. Weidm?ller Recent Developments/Updates

Table 48. American Power Conversion Basic Information, Manufacturing Base and Competitors

Table 49. American Power Conversion Major Business

Table 50. American Power Conversion Surge Protection Devices for

Telecommunications Product and Services

Table 51. American Power Conversion Surge Protection Devices for

Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. American Power Conversion Recent Developments/Updates

Table 53. ASCO Power Technologies Basic Information, Manufacturing Base and Competitors

Table 54. ASCO Power Technologies Major Business

Table 55. ASCO Power Technologies Surge Protection Devices for

Telecommunications Product and Services

Table 56. ASCO Power Technologies Surge Protection Devices for

Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. ASCO Power Technologies Recent Developments/Updates

Table 58. L-com Basic Information, Manufacturing Base and Competitors

Table 59. L-com Major Business

Table 60. L-com Surge Protection Devices for Telecommunications Product and Services

Table 61. L-com Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. L-com Recent Developments/Updates

Table 63. SolaHD Basic Information, Manufacturing Base and Competitors

Table 64. SolaHD Major Business

Table 65. SolaHD Surge Protection Devices for Telecommunications Product and Services

Table 66. SolaHD Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. SolaHD Recent Developments/Updates

Table 68. Transtector Systems Basic Information, Manufacturing Base and Competitors

Table 69. Transtector Systems Major Business

Table 70. Transtector Systems Surge Protection Devices for Telecommunications Product and Services



- Table 71. Transtector Systems Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 72. Transtector Systems Recent Developments/Updates
- Table 73. Tripp Lite Basic Information, Manufacturing Base and Competitors
- Table 74. Tripp Lite Major Business
- Table 75. Tripp Lite Surge Protection Devices for Telecommunications Product and Services
- Table 76. Tripp Lite Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Tripp Lite Recent Developments/Updates
- Table 78. INDELEC Basic Information, Manufacturing Base and Competitors
- Table 79. INDELEC Major Business
- Table 80. INDELEC Surge Protection Devices for Telecommunications Product and Services
- Table 81. INDELEC Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 82. INDELEC Recent Developments/Updates
- Table 83. CITEL Basic Information, Manufacturing Base and Competitors
- Table 84. CITEL Major Business
- Table 85. CITEL Surge Protection Devices for Telecommunications Product and Services
- Table 86. CITEL Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 87. CITEL Recent Developments/Updates
- Table 88. SALTEK Basic Information, Manufacturing Base and Competitors
- Table 89. SALTEK Major Business
- Table 90. SALTEK Surge Protection Devices for Telecommunications Product and Services
- Table 91. SALTEK Surge Protection Devices for Telecommunications Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 92. SALTEK Recent Developments/Updates
- Table 93. Global Surge Protection Devices for Telecommunications Sales Quantity by Manufacturer (2018-2023) & (K Units)
- Table 94. Global Surge Protection Devices for Telecommunications Revenue by



Manufacturer (2018-2023) & (USD Million)

Table 95. Global Surge Protection Devices for Telecommunications Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 96. Market Position of Manufacturers in Surge Protection Devices for

Telecommunications, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 97. Head Office and Surge Protection Devices for Telecommunications

Production Site of Key Manufacturer

Table 98. Surge Protection Devices for Telecommunications Market: Company Product Type Footprint

Table 99. Surge Protection Devices for Telecommunications Market: Company Product Application Footprint

Table 100. Surge Protection Devices for Telecommunications New Market Entrants and Barriers to Market Entry

Table 101. Surge Protection Devices for Telecommunications Mergers, Acquisition, Agreements, and Collaborations

Table 102. Global Surge Protection Devices for Telecommunications Sales Quantity by Region (2018-2023) & (K Units)

Table 103. Global Surge Protection Devices for Telecommunications Sales Quantity by Region (2024-2029) & (K Units)

Table 104. Global Surge Protection Devices for Telecommunications Consumption Value by Region (2018-2023) & (USD Million)

Table 105. Global Surge Protection Devices for Telecommunications Consumption Value by Region (2024-2029) & (USD Million)

Table 106. Global Surge Protection Devices for Telecommunications Average Price by Region (2018-2023) & (US\$/Unit)

Table 107. Global Surge Protection Devices for Telecommunications Average Price by Region (2024-2029) & (US\$/Unit)

Table 108. Global Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2023) & (K Units)

Table 109. Global Surge Protection Devices for Telecommunications Sales Quantity by Type (2024-2029) & (K Units)

Table 110. Global Surge Protection Devices for Telecommunications Consumption Value by Type (2018-2023) & (USD Million)

Table 111. Global Surge Protection Devices for Telecommunications Consumption Value by Type (2024-2029) & (USD Million)

Table 112. Global Surge Protection Devices for Telecommunications Average Price by Type (2018-2023) & (US\$/Unit)

Table 113. Global Surge Protection Devices for Telecommunications Average Price by Type (2024-2029) & (US\$/Unit)



Table 114. Global Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2023) & (K Units)

Table 115. Global Surge Protection Devices for Telecommunications Sales Quantity by Application (2024-2029) & (K Units)

Table 116. Global Surge Protection Devices for Telecommunications Consumption Value by Application (2018-2023) & (USD Million)

Table 117. Global Surge Protection Devices for Telecommunications Consumption Value by Application (2024-2029) & (USD Million)

Table 118. Global Surge Protection Devices for Telecommunications Average Price by Application (2018-2023) & (US\$/Unit)

Table 119. Global Surge Protection Devices for Telecommunications Average Price by Application (2024-2029) & (US\$/Unit)

Table 120. North America Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2023) & (K Units)

Table 121. North America Surge Protection Devices for Telecommunications Sales Quantity by Type (2024-2029) & (K Units)

Table 122. North America Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2023) & (K Units)

Table 123. North America Surge Protection Devices for Telecommunications Sales Quantity by Application (2024-2029) & (K Units)

Table 124. North America Surge Protection Devices for Telecommunications Sales Quantity by Country (2018-2023) & (K Units)

Table 125. North America Surge Protection Devices for Telecommunications Sales Quantity by Country (2024-2029) & (K Units)

Table 126. North America Surge Protection Devices for Telecommunications Consumption Value by Country (2018-2023) & (USD Million)

Table 127. North America Surge Protection Devices for Telecommunications Consumption Value by Country (2024-2029) & (USD Million)

Table 128. Europe Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2023) & (K Units)

Table 129. Europe Surge Protection Devices for Telecommunications Sales Quantity by Type (2024-2029) & (K Units)

Table 130. Europe Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2023) & (K Units)

Table 131. Europe Surge Protection Devices for Telecommunications Sales Quantity by Application (2024-2029) & (K Units)

Table 132. Europe Surge Protection Devices for Telecommunications Sales Quantity by Country (2018-2023) & (K Units)

Table 133. Europe Surge Protection Devices for Telecommunications Sales Quantity by



Country (2024-2029) & (K Units)

Table 134. Europe Surge Protection Devices for Telecommunications Consumption Value by Country (2018-2023) & (USD Million)

Table 135. Europe Surge Protection Devices for Telecommunications Consumption Value by Country (2024-2029) & (USD Million)

Table 136. Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2023) & (K Units)

Table 137. Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity by Type (2024-2029) & (K Units)

Table 138. Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2023) & (K Units)

Table 139. Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity by Application (2024-2029) & (K Units)

Table 140. Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity by Region (2018-2023) & (K Units)

Table 141. Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity by Region (2024-2029) & (K Units)

Table 142. Asia-Pacific Surge Protection Devices for Telecommunications Consumption Value by Region (2018-2023) & (USD Million)

Table 143. Asia-Pacific Surge Protection Devices for Telecommunications Consumption Value by Region (2024-2029) & (USD Million)

Table 144. South America Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2023) & (K Units)

Table 145. South America Surge Protection Devices for Telecommunications Sales Quantity by Type (2024-2029) & (K Units)

Table 146. South America Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2023) & (K Units)

Table 147. South America Surge Protection Devices for Telecommunications Sales Quantity by Application (2024-2029) & (K Units)

Table 148. South America Surge Protection Devices for Telecommunications Sales Quantity by Country (2018-2023) & (K Units)

Table 149. South America Surge Protection Devices for Telecommunications Sales Quantity by Country (2024-2029) & (K Units)

Table 150. South America Surge Protection Devices for Telecommunications Consumption Value by Country (2018-2023) & (USD Million)

Table 151. South America Surge Protection Devices for Telecommunications Consumption Value by Country (2024-2029) & (USD Million)

Table 152. Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity by Type (2018-2023) & (K Units)



Table 153. Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity by Type (2024-2029) & (K Units)

Table 154. Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity by Application (2018-2023) & (K Units)

Table 155. Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity by Application (2024-2029) & (K Units)

Table 156. Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity by Region (2018-2023) & (K Units)

Table 157. Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity by Region (2024-2029) & (K Units)

Table 158. Middle East & Africa Surge Protection Devices for Telecommunications Consumption Value by Region (2018-2023) & (USD Million)

Table 159. Middle East & Africa Surge Protection Devices for Telecommunications Consumption Value by Region (2024-2029) & (USD Million)

Table 160. Surge Protection Devices for Telecommunications Raw Material

Table 161. Key Manufacturers of Surge Protection Devices for Telecommunications Raw Materials

Table 162. Surge Protection Devices for Telecommunications Typical Distributors Table 163. Surge Protection Devices for Telecommunications Typical Customers



List Of Figures

LIST OF FIGURES

Figure 1. Surge Protection Devices for Telecommunications Picture

Figure 2. Global Surge Protection Devices for Telecommunications Consumption Value

by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Surge Protection Devices for Telecommunications Consumption Value

Market Share by Type in 2022

Figure 4. Type 1 (Cope Direct Strike) Examples

Figure 5. Type 2 (Limits Over Voltages) Examples

Figure 6. Type 1+2 (Complete Protection) Examples

Figure 7. Global Surge Protection Devices for Telecommunications Consumption Value

by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global Surge Protection Devices for Telecommunications Consumption Value

Market Share by Application in 2022

Figure 9. In-door Examples

Figure 10. Out-door Examples

Figure 11. Global Surge Protection Devices for Telecommunications Consumption

Value, (USD Million): 2018 & 2022 & 2029

Figure 12. Global Surge Protection Devices for Telecommunications Consumption

Value and Forecast (2018-2029) & (USD Million)

Figure 13. Global Surge Protection Devices for Telecommunications Sales Quantity

(2018-2029) & (K Units)

Figure 14. Global Surge Protection Devices for Telecommunications Average Price

(2018-2029) & (US\$/Unit)

Figure 15. Global Surge Protection Devices for Telecommunications Sales Quantity

Market Share by Manufacturer in 2022

Figure 16. Global Surge Protection Devices for Telecommunications Consumption

Value Market Share by Manufacturer in 2022

Figure 17. Producer Shipments of Surge Protection Devices for Telecommunications by

Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 18. Top 3 Surge Protection Devices for Telecommunications Manufacturer

(Consumption Value) Market Share in 2022

Figure 19. Top 6 Surge Protection Devices for Telecommunications Manufacturer

(Consumption Value) Market Share in 2022

Figure 20. Global Surge Protection Devices for Telecommunications Sales Quantity

Market Share by Region (2018-2029)

Figure 21. Global Surge Protection Devices for Telecommunications Consumption



Value Market Share by Region (2018-2029)

Figure 22. North America Surge Protection Devices for Telecommunications Consumption Value (2018-2029) & (USD Million)

Figure 23. Europe Surge Protection Devices for Telecommunications Consumption Value (2018-2029) & (USD Million)

Figure 24. Asia-Pacific Surge Protection Devices for Telecommunications Consumption Value (2018-2029) & (USD Million)

Figure 25. South America Surge Protection Devices for Telecommunications Consumption Value (2018-2029) & (USD Million)

Figure 26. Middle East & Africa Surge Protection Devices for Telecommunications Consumption Value (2018-2029) & (USD Million)

Figure 27. Global Surge Protection Devices for Telecommunications Sales Quantity Market Share by Type (2018-2029)

Figure 28. Global Surge Protection Devices for Telecommunications Consumption Value Market Share by Type (2018-2029)

Figure 29. Global Surge Protection Devices for Telecommunications Average Price by Type (2018-2029) & (US\$/Unit)

Figure 30. Global Surge Protection Devices for Telecommunications Sales Quantity Market Share by Application (2018-2029)

Figure 31. Global Surge Protection Devices for Telecommunications Consumption Value Market Share by Application (2018-2029)

Figure 32. Global Surge Protection Devices for Telecommunications Average Price by Application (2018-2029) & (US\$/Unit)

Figure 33. North America Surge Protection Devices for Telecommunications Sales Quantity Market Share by Type (2018-2029)

Figure 34. North America Surge Protection Devices for Telecommunications Sales Quantity Market Share by Application (2018-2029)

Figure 35. North America Surge Protection Devices for Telecommunications Sales Quantity Market Share by Country (2018-2029)

Figure 36. North America Surge Protection Devices for Telecommunications Consumption Value Market Share by Country (2018-2029)

Figure 37. United States Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Canada Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Mexico Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Europe Surge Protection Devices for Telecommunications Sales Quantity Market Share by Type (2018-2029)



Figure 41. Europe Surge Protection Devices for Telecommunications Sales Quantity Market Share by Application (2018-2029)

Figure 42. Europe Surge Protection Devices for Telecommunications Sales Quantity Market Share by Country (2018-2029)

Figure 43. Europe Surge Protection Devices for Telecommunications Consumption Value Market Share by Country (2018-2029)

Figure 44. Germany Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. France Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. United Kingdom Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Russia Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Italy Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity Market Share by Type (2018-2029)

Figure 50. Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity Market Share by Application (2018-2029)

Figure 51. Asia-Pacific Surge Protection Devices for Telecommunications Sales Quantity Market Share by Region (2018-2029)

Figure 52. Asia-Pacific Surge Protection Devices for Telecommunications Consumption Value Market Share by Region (2018-2029)

Figure 53. China Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Japan Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Korea Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. India Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Southeast Asia Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Australia Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. South America Surge Protection Devices for Telecommunications Sales Quantity Market Share by Type (2018-2029)

Figure 60. South America Surge Protection Devices for Telecommunications Sales



Quantity Market Share by Application (2018-2029)

Figure 61. South America Surge Protection Devices for Telecommunications Sales Quantity Market Share by Country (2018-2029)

Figure 62. South America Surge Protection Devices for Telecommunications Consumption Value Market Share by Country (2018-2029)

Figure 63. Brazil Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Argentina Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity Market Share by Type (2018-2029)

Figure 66. Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity Market Share by Application (2018-2029)

Figure 67. Middle East & Africa Surge Protection Devices for Telecommunications Sales Quantity Market Share by Region (2018-2029)

Figure 68. Middle East & Africa Surge Protection Devices for Telecommunications Consumption Value Market Share by Region (2018-2029)

Figure 69. Turkey Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Egypt Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Saudi Arabia Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. South Africa Surge Protection Devices for Telecommunications Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Surge Protection Devices for Telecommunications Market Drivers

Figure 74. Surge Protection Devices for Telecommunications Market Restraints

Figure 75. Surge Protection Devices for Telecommunications Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Surge Protection Devices for Telecommunications in 2022

Figure 78. Manufacturing Process Analysis of Surge Protection Devices for Telecommunications

Figure 79. Surge Protection Devices for Telecommunications Industrial Chain

Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source



I would like to order

Product name: Global Surge Protection Devices for Telecommunications Market 2023 by Manufacturers,

Regions, Type and Application, Forecast to 2029

Product link: https://marketpublishers.com/r/G3E235108013EN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G3E235108013EN.html

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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

