

Automotive Terminals Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 to 2032

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Abstracts

The Global Automotive Terminals Market was valued at USD 22.4 billion in 2023 and is projected to experience an 8.6% CAGR from 2024 to 2032. This growth is primarily driven by the rising demand for electric vehicles (EVs). As governments implement stricter emissions regulations and promote cleaner energy solutions, automakers are increasingly transitioning to the production of electric vehicles. These EVs necessitate advanced electronic systems, which rely heavily on automotive terminals for connecting various components, including power electronics, battery management systems, telematics control units, and sensors. Another significant factor propelling the automotive terminals market is the growing adoption of advanced driver assistance systems (ADAS) in modern vehicles.

With safety regulations becoming more stringent and consumer preferences shifting towards smart vehicle technologies, automakers are integrating more electronic components, sensors, and cameras that depend on terminals for reliable connectivity. This trend underscores the need for high-performance automotive terminals that can support the complex functionalities required for ADAS. The market is segmented by vehicle type into passenger vehicles and commercial vehicles. In 2023, the passenger vehicle segment represented over 80% of the overall market share, with expectations to surpass USD 30 billion by 2032. The dominance of passenger vehicles in the automotive terminals market is largely attributed to their extensive use and substantial production volumes.

The growing demand for personal mobility and convenience is driving an increase in passenger vehicle sales, particularly in regions experiencing rapid urbanization. The automotive terminals market is also classified based on original equipment

manufacturer (OEM) and aftermarket segments. The OEM segment captured more than 85% of the market share in 2023, driven by significant production volumes and investments in cutting-edge technologies. OEMs play a vital role in vehicle manufacturing, which boosts the demand for integrated terminal solutions, especially as vehicles incorporate more electrification and complex electronic systems.

By forming long-term partnerships with terminal suppliers, OEMs ensure custom solutions and maintain quality control throughout the supply chain. Regionally, the automotive terminals market in China accounted for 60% of the global revenue share in 2023. This dominance is attributed to China's position as the largest automotive manufacturing hub in the world. The country boasts robust production capabilities supported by an extensive network of suppliers and manufacturers, facilitating cost-effective and efficient terminal production. Additionally, China's strong focus on electric vehicle development and government incentives to encourage EV adoption further enhance the demand for innovative terminal solutions in newly manufactured vehicles.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Research design
 - 1.1.1 Research approach
 - 1.1.2 Data collection methods
- 1.2 Base estimates and calculations
 - 1.2.1 Base year calculation
 - 1.2.2 Key trends for market estimates
- 1.3 Forecast model
- 1.4 Primary research & validation
 - 1.4.1 Primary sources
 - 1.4.2 Data mining sources
- 1.5 Market definitions

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry synopsis, 2021 - 2032

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
- 3.2 Supplier landscape
 - 3.2.1 Terminal manufacturers
 - 3.2.2 Technology providers
 - 3.2.3 Distributors
 - 3.2.4 Aftermarket retailers
 - 3.2.5 End-users
- 3.3 Profit margin analysis
- 3.4 Pricing analysis
- 3.5 Technology & innovation landscape
- 3.6 Key news & initiatives
- 3.7 Regulatory landscape
- 3.8 Impact forces
 - 3.8.1 Growth drivers
 - 3.8.1.1 Rising demand for electric vehicles (EVs)

- 3.8.1.2 Growing adoption of advanced driver assistance systems (ADAS)
- 3.8.1.3 Increasing focus on vehicle electrification and automation
- 3.8.1.4 Expansion of automotive production in emerging markets
- 3.8.2 Industry pitfalls & challenges
 - 3.8.2.1 High cost of advanced automotive electronics
 - 3.8.2.2 Fluctuating raw material prices impacting terminal manufacturing costs
- 3.9 Growth potential analysis
- 3.10 Porter's analysis
- 3.11 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2023

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY CURRENT RATING, 2021 - 2032 (\$BN, UNITS)

- 5.1 Key trends
- 5.2 Below 40 ampere
- 5.3 41-100 ampere
- 5.4 100 ampere

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY TERMINALS, 2021 - 2032 (\$BN, UNITS)

- 6.1 Key trends
- 6.2 Pin terminals
- 6.3 Blade terminals
- 6.4 Socket terminals
- 6.5 Ring terminals
- 6.6 Spade terminals
- 6.7 Others

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY VEHICLE, 2021 - 2032 (\$BN, UNITS)

- 7.1 Key trends
- 7.2 Passenger cars
- 7.3 Commercial vehicles

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY APPLICATION, 2021 - 2032 (\$BN, UNITS)

- 8.1 Key trends
- 8.2 Engine control units (ECUs)
- 8.3 Battery connections
- 8.4 Lighting system
- 8.5 Infotainment system
- 8.6 Advanced driver-assistance systems (ADAS)
- 8.7 Power distribution
- 8.8 Sensors
- 8.9 Others

CHAPTER 9 MARKET ESTIMATES & FORECAST, BY SALES CHANNEL, 2021 - 2032 (\$BN, UNITS)

- 9.1 Key trends
- 9.2 OEM
- 9.3 Aftermarket

CHAPTER 10 MARKET ESTIMATES & FORECAST, BY REGION, 2021 - 2032 (\$BN, UNITS)

- 10.1 Key trends
- 10.2 North America
 - 10.2.1 U.S.
 - 10.2.2 Canada
- 10.3 Europe
 - 10.3.1 UK
 - 10.3.2 Germany
 - 10.3.3 France
 - 10.3.4 Spain
 - 10.3.5 Italy
 - 10.3.6 Russia
 - 10.3.7 Nordics

10.4 Asia Pacific

10.4.1 China

10.4.2 India

10.4.3 Japan

10.4.4 South Korea

10.4.5 ANZ

10.4.6 Southeast Asia

10.5 Latin America

10.5.1 Brazil

10.5.2 Mexico

10.5.3 Argentina

10.6 MEA

10.6.1 UAE

10.6.2 South Africa

10.6.3 Saudi Arabia

CHAPTER 11 COMPANY PROFILES

11.1 TE Connectivity Ltd.

11.2 Molex LLC

11.3 Delphi Technologies PLC

11.4 Amphenol Corporation

11.5 Yazaki Corporation

11.6 Sumitomo Electric Industries, Ltd.

11.7 Littelfuse, Inc.

11.8 Bosch Automotive Technology

11.9 JST Mfg. Co., Ltd.

11.10 3M Company

11.11 Harting Technology Group

11.12 Furukawa Electric Co., Ltd.

11.13 Hirschmann Automation and Control GmbH

11.14 Phoenix Contact GmbH & Co. KG

11.15 Nexans S.A.

11.16 AVX Corporation

11.17 W?rth Elektronik GmbH & Co. KG

11.18 Connector Technology Ltd.

11.19 Sierra Wireless, Inc.

11.20 Tensility International Corporation

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