

# Asia Pacific On-Board Fuse Box Market Size study, by Vehicle Type (Passenger Cars, Commercial Vehicles, Railway, Electrical Buses) By Installation (Interior, Under- hood) By Sale Channel (OEM, Aftermarket) and Country Forecasts 2022-2032

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## **Abstracts**

Asia Pacific On-Board Fuse Box Market is valued approximately USD 410 million in 2023 and is anticipated to grow with a healthy growth rate of more than 8.52% over the forecast period 2024-2032. On-Board Fuse Box refers to centralized location for electrical fuses, which are safety devices designed to protect electrical circuits from excessive current flow. These fuse boxes are typically located within easy reach of the vehicle's occupants, often in the interior cabin or under the hood, to facilitate inspection and replacement of fuses when necessary. Furthermore, increasing demand of advance safety features in passenger cars are gaining attention towards Asia Pacific On-Board Fuse Box Market. The growing awareness and emphasis on vehicle safety features have led to an increasing demand for cars equipped with advanced safety technologies. As a result, automotive manufacturers are actively incorporating these features into their vehicle designs, further boosting the demand for on-board fuse boxes.

The Asia Pacific On-Board Fuse Box Market is driven by rising disposable incomes and increasing emphasis on vehicle safety standards across the Asia Pacific. Rising disposable incomes can also translate into increased spending on vehicle maintenance and customization. Consumers may invest in aftermarket upgrades and accessories, some of which may require modifications to the electrical system, thus driving demand for on-board fuse boxes and related components. In addition, On-board fuse boxes are vital components in ensuring the safe operation of various electrical systems within vehicles. They play a crucial role in protecting electrical circuits from overloads and short circuits, thus preventing potential fire hazards, and ensuring the reliability of critical



safety systems. However, High expense associated with on-board fuse box and technical complexity is going to impede the overall demand for the market during the forecast period 2024-2032.

The key Countries considered for the Asia Pacific On-Board Fuse Box market study includes China, India, Japan, South Korea, Australia, and Rest of Asia Pacific. In 2023, China was the largest regional market owing to increasing demand of electrical vehicles in the region. According to International Energy Agency, in 2022, the proportion of electric vehicles in China's overall domestic car sales surged to 29%, marking a increase from the 16% recorded in 2021. Electric vehicles have more complex electrical systems compared to traditional internal combustion engine vehicles. They require sophisticated onboard electronics to manage power distribution, battery management, and various vehicle functions. This complexity necessitates robust fuse boxes to protect these systems from electrical faults and overloads. The market in India, on the other hand, is expected to develop at the fastest rate over the forecast period 2024-2032.

Major market player included in this report are:

Renesas Electronics Corporation

**Denso Corporation** 

Company 3

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Vehicle Type:

Passenger Cars

**Commercial Vehicles** 

Railway

**Electrical Buses** 

By Installation:

Interior



| Ш | Ind | er- | hood | ١ |
|---|-----|-----|------|---|

By Sale Channel:

**OEM** 

Aftermarket

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

**RoAPAC** 

Years considered for the study are as follows:

Historical year – 2022

Base year - 2023

Forecast period – 2024 to 2032

#### Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market



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