

# **Global Electrical Enclosure Market Size study & Forecast, by Material Type (Metallic Enclosures and Non-Metallic Enclosures) by Mounting Type (Wall-Mounted Enclosure, Free-Standing Enclosure, and Underground Electric Enclosure) by Form Factor (Small Enclosures, Compact Electric Enclosures, Free-Size Electric Enclosures) and Regional Forecasts 2025-2035**

<https://marketpublishers.com/r/GA53140184E1EN.html>

Date: January 2026

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: GA53140184E1EN

## **Abstracts**

The Global Electrical Enclosure Market is valued at approximately USD 14.02 billion in 2024 and is expected to expand with a steady growth rate of more than 6.75% over the forecast period 2025-2035. Electrical enclosures—purpose-built protective housings designed to shield electrical components from environmental, mechanical, and safety hazards—have become indispensable across modern industrial and commercial landscapes. Whether fabricated from metal or high-performance polymers, these enclosures safeguard circuits, switchgear, and power distribution units, ensuring operational continuity and preventing exposure to dust, water, electromagnetic interference, and corrosive conditions. Their rising adoption is strongly tied to expanding industrial automation, heightened workplace safety standards, and the global shift toward electrification in manufacturing, utilities, and digital infrastructure. As industries modernize production floors and upgrade aging grid assets, demand for robust, compliant, and technologically advanced electrical enclosure solutions continues to surge worldwide.

The growing installation of power infrastructure, coupled with the acceleration of smart factories and advanced automation projects, has propelled the need for highly reliable

enclosure systems. Organizations are increasingly compelled to revamp their electrical safety frameworks as digital transformation pushes them toward interconnected equipment and energy-intensive machinery. Meanwhile, the rapid construction of data centers, the deployment of renewable energy assets, and government-led initiatives to reinforce transmission networks have created sizeable new procurement channels for enclosures across emerging markets. These trends are being amplified by rising investments in transportation electrification and Industry 4.0 adoption, pushing manufacturers to innovate enclosure designs with enhanced ingress protection, thermal stability, and flexible mounting options. However, fluctuations in raw material prices and the presence of low-quality, cost-competitive alternatives may restrict the market's pace of expansion during 2025–2035.

The detailed segments and sub-segments included in the report are:

By Material Type:

Metallic Enclosures

Non-Metallic Enclosures

By Mounting Type:

Wall-Mounted Enclosure

Free-Standing Enclosure

Underground Electric Enclosure

By Form Factor:

Small Enclosures

Compact Electric Enclosures

Free-Size Electric Enclosures

## By Region:

### North America

U.S.

Canada

### Europe

UK

Germany

France

Spain

Italy

ROE

### Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

## Latin America

Brazil

Mexico

## Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Metallic Enclosures Are Expected to Dominate the Market

Metallic enclosures are projected to maintain dominance throughout the forecast period, owing to their high durability, mechanical strength, and suitability for rugged industrial environments. As heavy manufacturing, oil & gas, automotive production, and power utilities continually upgrade equipment to withstand corrosive or high-temperature operating conditions, metallic variants—especially stainless-steel and aluminum enclosures—have captured substantial demand. While non-metallic enclosures are gaining traction due to their lightweight characteristics and corrosion resistance, metallic types remain the preferred choice where stringent safety compliance and enhanced structural integrity are non-negotiable. The expansion of complex industrial setups and the need to secure mission-critical electrical assets further position metallic enclosures as the prevailing market leader.

## Wall-Mounted Enclosures Lead in Revenue Contribution

Among mounting types, wall-mounted enclosures currently generate the highest revenue, owing to their widespread adoption across commercial buildings, industrial workstations, control rooms, and utility distribution points. Their compact installation footprint, ease of access, and compatibility with a wide range of electrical devices make them the preferred choice in both developing and mature markets. Meanwhile, free-

standing enclosures are rapidly emerging as the fastest-growing segment, particularly in sectors deploying extensive power distribution frameworks—such as data centers, energy facilities, and advanced manufacturing plants. Underground enclosures, though relatively niche, hold strategic importance in smart city infrastructure and modern grid modernization efforts. Overall, wall-mounted solutions continue to dominate market contribution due to their versatile application footprint.

Across major regions, the dynamics of the Electrical Enclosure Market unfold with significant diversity. North America dominated the market in 2025, driven by strong industrial automation adoption, an advanced manufacturing ecosystem, and sustained investment in utility grid reinforcement. The region's early integration of smart technologies, coupled with stringent workplace safety mandates and robust electrical standards, has continually amplified enclosure demand. Asia Pacific, however, is projected to exhibit the fastest growth, fueled by rapid industrial expansion, urbanization, and large-scale construction activity in nations such as China, India, and South Korea. The booming electronics sector, rising energy consumption, and massive renewable energy deployment further add momentum to APAC's trajectory. Europe remains another influential marketplace, powered by its expanding transportation electrification push and high emphasis on compliance-driven engineering solutions.

Major market players included in this report are:

Schneider Electric

ABB Ltd.

Eaton Corporation

Rittal GmbH & Co. KG

Legrand

Siemens AG

Hubbell Incorporated

Emerson Electric Co.

Phoenix Contact

nVent Electric plc

Hammond Manufacturing

Fibox Group

Eldon Enclosures

Saginaw Control & Engineering

Adalet

#### Global Electrical Enclosure Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The study further provides essential insights regarding key market drivers, challenges, and emerging opportunities that will shape long-term growth patterns. Additionally, the report identifies potential areas for investment within micro-

markets and offers an in-depth assessment of the competitive landscape and product strategies of leading companies. The detailed segments and sub-segments of the market are explained above.

#### Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the 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 the competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL ELECTRICAL ENCLOSURE MARKET REPORT SCOPE & METHODOLOGY**

- 1.1. Research Objective
- 1.2. Research Methodology
  - 1.2.1. Forecast Model
  - 1.2.2. Desk Research
  - 1.2.3. Top Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
  - 1.4.1. Market Definition
  - 1.4.2. Market Segmentation
- 1.5. Research Assumption
  - 1.5.1. Inclusion & Exclusion
  - 1.5.2. Limitations
  - 1.5.3. Years Considered for the Study

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. key Findings

### **CHAPTER 3. GLOBAL ELECTRICAL ENCLOSURE MARKET FORCES ANALYSIS**

- 3.1. Market Forces Shaping The Global Electrical Enclosure Market (2024-2035)
- 3.2. Drivers
  - 3.2.1. expanding industrial automation
  - 3.2.2. heightened workplace safety standards
- 3.3. Restraints
  - 3.3.1. fluctuations in raw material prices
- 3.4. Opportunities
  - 3.4.1. global shift toward electrification in manufacturing

### **CHAPTER 4. GLOBAL ELECTRICAL ENCLOSURE INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Forces Model
  - 4.1.1. Bargaining Power of Buyer
  - 4.1.2. Bargaining Power of Supplier
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Forecast Model (2024-2035)
- 4.3. PESTEL Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024-2025)
- 4.7. Global Pricing Analysis And Trends 2025
- 4.8. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL ELECTRICAL ENCLOSURE MARKET SIZE & FORECASTS BY MATERIAL TYPE 2025-2035**

- 5.1. Market Overview
- 5.2. Global Electrical Enclosure Market Performance - Potential Analysis (2025)
- 5.3. Metallic Enclosures
  - 5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 5.3.2. Market size analysis, by region, 2025-2035
- 5.4. Non-Metallic Enclosures
  - 5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 5.4.2. Market size analysis, by region, 2025-2035

## **CHAPTER 6. GLOBAL ELECTRICAL ENCLOSURE MARKET SIZE & FORECASTS BY MOUNTING TYPE 2025-2035**

- 6.1. Market Overview
- 6.2. Global Electrical Enclosure Market Performance - Potential Analysis (2025)
- 6.3. Wall-Mounted Enclosure
  - 6.3.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

- 6.3.2. Market size analysis, by region, 2025-2035
- 6.4. Free-Standing Enclosure
  - 6.4.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 6.4.2. Market size analysis, by region, 2025-2035
- 6.5. Underground Electric Enclosure
  - 6.5.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 6.5.2. Market size analysis, by region, 2025-2035

## **CHAPTER 7. GLOBAL ELECTRICAL ENCLOSURE MARKET SIZE & FORECASTS BY FORM FACTOR 2025–2035**

- 7.1. Market Overview
- 7.2. Global Electrical Enclosure Market Performance - Potential Analysis (2025)
- 7.3. Small Enclosures
  - 7.3.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 7.3.2. Market size analysis, by region, 2025-2035
- 7.4. Compact Electric Enclosures
  - 7.4.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 7.4.2. Market size analysis, by region, 2025-2035
- 7.5. Free-Size Electric Enclosures
  - 7.5.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 7.5.2. Market size analysis, by region, 2025-2035

## **CHAPTER 8. GLOBAL ELECTRICAL ENCLOSURE MARKET SIZE & FORECASTS BY REGION 2025–2035**

- 8.1. Growth Electrical Enclosure Market, Regional Market Snapshot
- 8.2. Top Leading & Emerging Countries
- 8.3. North America Electrical Enclosure Market
  - 8.3.1. U.S. Electrical Enclosure Market
    - 8.3.1.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.3.1.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.3.1.3. Form Factor breakdown size & forecasts, 2025-2035
  - 8.3.2. Canada Electrical Enclosure Market
    - 8.3.2.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.3.2.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.3.2.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.4. Europe Electrical Enclosure Market
  - 8.4.1. UK Electrical Enclosure Market

- 8.4.1.1. Material Type breakdown size & forecasts, 2025-2035
- 8.4.1.2. Mounting Type breakdown size & forecasts, 2025-2035
- 8.4.1.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.4.2. Germany Electrical Enclosure Market
  - 8.4.2.1. Material Type breakdown size & forecasts, 2025-2035
  - 8.4.2.2. Mounting Type breakdown size & forecasts, 2025-2035
  - 8.4.2.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.4.3. France Electrical Enclosure Market
  - 8.4.3.1. Material Type breakdown size & forecasts, 2025-2035
  - 8.4.3.2. Mounting Type breakdown size & forecasts, 2025-2035
  - 8.4.3.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.4.4. Spain Electrical Enclosure Market
  - 8.4.4.1. Material Type breakdown size & forecasts, 2025-2035
  - 8.4.4.2. Mounting Type breakdown size & forecasts, 2025-2035
  - 8.4.4.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.4.5. Italy Electrical Enclosure Market
  - 8.4.5.1. Material Type breakdown size & forecasts, 2025-2035
  - 8.4.5.2. Mounting Type breakdown size & forecasts, 2025-2035
  - 8.4.5.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.4.6. Rest of Europe Electrical Enclosure Market
  - 8.4.6.1. Material Type breakdown size & forecasts, 2025-2035
  - 8.4.6.2. Mounting Type breakdown size & forecasts, 2025-2035
  - 8.4.6.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.5. Asia Pacific Electrical Enclosure Market
  - 8.5.1. China Electrical Enclosure Market
    - 8.5.1.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.5.1.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.5.1.3. Form Factor breakdown size & forecasts, 2025-2035
  - 8.5.2. India Electrical Enclosure Market
    - 8.5.2.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.5.2.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.5.2.3. Form Factor breakdown size & forecasts, 2025-2035
  - 8.5.3. Japan Electrical Enclosure Market
    - 8.5.3.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.5.3.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.5.3.3. Form Factor breakdown size & forecasts, 2025-2035
  - 8.5.4. Australia Electrical Enclosure Market
    - 8.5.4.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.5.4.2. Mounting Type breakdown size & forecasts, 2025-2035

- 8.5.4.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.5.5. South Korea Electrical Enclosure Market
  - 8.5.5.1. Material Type breakdown size & forecasts, 2025-2035
  - 8.5.5.2. Mounting Type breakdown size & forecasts, 2025-2035
  - 8.5.5.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.5.6. Rest of APAC Electrical Enclosure Market
  - 8.5.6.1. Material Type breakdown size & forecasts, 2025-2035
  - 8.5.6.2. Mounting Type breakdown size & forecasts, 2025-2035
  - 8.5.6.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.6. Latin America Electrical Enclosure Market
  - 8.6.1. Brazil Electrical Enclosure Market
    - 8.6.1.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.6.1.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.6.1.3. Form Factor breakdown size & forecasts, 2025-2035
  - 8.6.2. Mexico Electrical Enclosure Market
    - 8.6.2.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.6.2.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.6.2.3. Form Factor breakdown size & forecasts, 2025-2035
- 8.7. Middle East and Africa Electrical Enclosure Market
  - 8.7.1. UAE Electrical Enclosure Market
    - 8.7.1.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.7.1.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.7.1.3. Form Factor breakdown size & forecasts, 2025-2035
  - 8.7.2. Saudi Arabia (KSA) Electrical Enclosure Market
    - 8.7.2.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.7.2.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.7.2.3. Form Factor breakdown size & forecasts, 2025-2035
  - 8.7.3. South Africa Electrical Enclosure Market
    - 8.7.3.1. Material Type breakdown size & forecasts, 2025-2035
    - 8.7.3.2. Mounting Type breakdown size & forecasts, 2025-2035
    - 8.7.3.3. Form Factor breakdown size & forecasts, 2025-2035

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Top Market Strategies
- 9.2. Schneider Electric
  - 9.2.1. Company Overview
  - 9.2.2. Key Executives
  - 9.2.3. Company Snapshot

- 9.2.4. Financial Performance (Subject to Data Availability)
- 9.2.5. Product/Services Port
- 9.2.6. Recent Development
- 9.2.7. Market Strategies
- 9.2.8. SWOT Analysis
- 9.3. ABB Ltd.
- 9.4. Eaton Corporation
- 9.5. Rittal GmbH & Co. KG
- 9.6. Legrand
- 9.7. Siemens AG
- 9.8. Hubbell Incorporated
- 9.9. Emerson Electric Co.
- 9.10. Phoenix Contact
- 9.11. nVent Electric plc
- 9.12. Hammond Manufacturing
- 9.13. Fibox Group
- 9.14. Eldon Enclosures
- 9.15. Saginaw Control & Engineering
- 9.16. Adalet

## List Of Tables

### LIST OF TABLES

- Table 1. Global Electrical Enclosure Market, Report Scope
- Table 2. Global Electrical Enclosure Market Estimates & Forecasts By Region 2024–2035
- Table 3. Global Electrical Enclosure Market Estimates & Forecasts By Segment 2024–2035
- Table 4. Global Electrical Enclosure Market Estimates & Forecasts By Segment 2024–2035
- Table 5. Global Electrical Enclosure Market Estimates & Forecasts By Segment 2024–2035
- Table 6. Global Electrical Enclosure Market Estimates & Forecasts By Segment 2024–2035
- Table 7. Global Electrical Enclosure Market Estimates & Forecasts By Segment 2024–2035
- Table 8. U.S. Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 9. Canada Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 10. UK Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 11. Germany Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 12. France Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 13. Spain Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 14. Italy Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 15. Rest Of Europe Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 16. China Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 17. India Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 18. Japan Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 19. Australia Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- Table 20. South Korea Electrical Enclosure Market Estimates & Forecasts, 2024–2035
- .....

## List Of Figures

### LIST OF FIGURES

- Fig 1. Global Electrical Enclosure Market, Research Methodology
- Fig 2. Global Electrical Enclosure Market, Market Estimation Techniques
- Fig 3. Global Market Size Estimates & Forecast Methods
- Fig 4. Global Electrical Enclosure Market, Key Trends 2025
- Fig 5. Global Electrical Enclosure Market, Growth Prospects 2024–2035
- Fig 6. Global Electrical Enclosure Market, Porter's Five Forces Model
- Fig 7. Global Electrical Enclosure Market, Pestel Analysis
- Fig 8. Global Electrical Enclosure Market, Value Chain Analysis
- Fig 9. Electrical Enclosure Market By Application, 2025 & 2035
- Fig 10. Electrical Enclosure Market By Segment, 2025 & 2035
- Fig 11. Electrical Enclosure Market By Segment, 2025 & 2035
- Fig 12. Electrical Enclosure Market By Segment, 2025 & 2035
- Fig 13. Electrical Enclosure Market By Segment, 2025 & 2035
- Fig 14. North America Electrical Enclosure Market, 2025 & 2035
- Fig 15. Europe Electrical Enclosure Market, 2025 & 2035
- Fig 16. Asia Pacific Electrical Enclosure Market, 2025 & 2035
- Fig 17. Latin America Electrical Enclosure Market, 2025 & 2035
- Fig 18. Middle East & Africa Electrical Enclosure Market, 2025 & 2035
- Fig 19. Global Electrical Enclosure Market, Company Market Share Analysis (2025)

.....

## I would like to order

Product name: Global Electrical Enclosure Market Size study & Forecast, by Material Type (Metallic Enclosures and Non-Metallic Enclosures) by Mounting Type (Wall-Mounted Enclosure, Free-Standing Enclosure, and Underground Electric Enclosure) by Form Factor (Small Enclosures, Compact Electric Enclosures, Free-Size Electric Enclosures) and Regional Forecasts 2025-2035

Product link: <https://marketpublishers.com/r/GA53140184E1EN.html>

Price: US\$ 3,750.00 (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/GA53140184E1EN.html>