

Electrical Enclosure Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global electrical enclosure market size reached US\$ 6.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 10.2 Billion by 2028, exhibiting a growth rate (CAGR) of 7.51% during 2023-2028.

An electrical enclosure refers to a closed cabinet that houses various equipment such as power generators, transformers and telecommunication devices along with various other components such as mount switches, knobs and display monitors. They are used to prevent the damage resulting from accidental contact by users and add to the aesthetic value of the space. The enclosures can be both metallic and non-metallic depending upon their application and the preference of the end user. Electrical enclosures seal tightly and prevent penetration of water or moisture. They also protect against electromagnetic interference, electrical breakdown and power dissipation. They find extensive applications in locations with potential risks of flammable gasses, combustible dust and volatile vapors or particles.

The growing trend of automation in industries, along with the increasing product integration in smart homes is one of the key factors driving the growth of the market. In various developing nations, there is an urgent need to upgrade the existing power infrastructure to meet the energy demand of the rapidly increasing population. This, coupled with the installation of power stations running on renewable energy sources such as solar and wind, is another factor contributing to the market growth. Additionally, governments of both the developed and emerging nations are mandating the installation of electrical enclosures in residential, commercial and industrial complexes in order to

prevent accidents and casualties. Other factors such as increasing adoption of smart grids, growing demand for internet of things (IoT)-enabled industrial enclosures, rising awareness regarding the benefits of electrical enclosures, are further driving the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global electrical enclosure market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on type, material type, mounting type, form factor, product type, design and end-user.

Breakup by Type:

- Junction Enclosures
- Disconnect Enclosures
- Operator Interface Enclosures
- Environment and Climate Control Enclosures
- Push Button Enclosures

Breakup by Material Type:

- Metallic
- Nonmetallic

Breakup by Mounting Type:

- Wall-Mounted Enclosure
- Floor-Mounted/Free-Standing Enclosure
- Underground

Breakup by Form Factor:

- Small
- Compact
- Full-size

Breakup by Product Type:

- Drip-Tight

Hazardous Environment
Flame/Explosion Proof
Dust-Tight
Others

Breakup by Design:

Standard Type
Custom Type

Breakup by End-User:

Power Generation
Transmission and Distribution
Other Electrical Equipment

Breakup by Region:

Asia Pacific
Europe
North America
Middle East and Africa
Latin America

Competitive Landscape:

The report has also analyzed the competitive landscape of the market with some of the key players being Schneider Electric, ABB Group, Eaton Corporation, Adalet, Emerson Electric Company, Pentair, Siemens Aktiengesellschaft, Allied Moulded Products, AZZ Incorporated, Fibox Oy Ab, General Electric Company, Legrand SA, Hubbell Incorporated, Socomec Group SA and Rittal GmbH & Co. Kg., etc.

Key Questions Answered in This Report

1. What was the size of the global electrical enclosure market in 2022?
2. What is the expected growth rate of the global electrical enclosure market during 2023-2028?
3. What are the key factors driving the global electrical enclosure market?
4. What has been the impact of COVID-19 on the global electrical enclosure market?
5. What is the breakup of the global electrical enclosure market based on the type?

6. What is the breakup of the global electrical enclosure market based on the material type?
7. What is the breakup of the global electrical enclosure market based on mounting type?
8. What is the breakup of the global electrical enclosure market based on the end user?
9. What are the key regions in the global electrical enclosure market?
10. Who are the key players/companies in the global electrical enclosure market?

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