

Disconnect Switch Market Report by Type (Fused, Non-Fused), Mount (Panel, DIN Rail, and Others), Voltage (Low, Medium, High), Application (Industrial, Residential, Commercial), and Region 2024-2032

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Abstracts

The global disconnect switch market size reached US\$ 15.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 24.1 Billion by 2032, exhibiting a growth rate (CAGR) of 5.2% during 2024-2032.

A disconnect switch, or isolator switch, refers to a component of the electric circuit used for interrupting the flow of electrical current. It trips the flow of power, enables emergency shutdowns and facilitates switching to alternate sources of power. The switch consists of an enclosure, wired electrical contacts and actuator. The enclosure protects the contents from environmental hazards prevents the users from getting exposed to the live circuits. The handle and knobs are used for engaging or disengaging the contents without opening the enclosure. These switches are commonly available in the form of fusible and non-fusible variants and are used to de-energize a circuit, thereby providing a visual opening so that the circuit can be safely maintained, tested or repaired.

Rapid industrialization, along with extensive infrastructural development across the globe, is one of the key factors driving the growth of the market. Furthermore, the growing demand for efficient systems for generation, transmission and distribution of electricity, is providing a boost to the market growth. Disconnect switches are used in industrial power systems, transmission lines, substations, urban transportation and heavy manufacturing. In line with this, the widespread adoption of low-voltage disconnect switches across various industries, such as transportation, aviation, railways, telecommunications and power generation, is also contributing to the market

growth. These switches can be mounted as a primary circuit breaker on switchboards and electrically closed and open devices, which is contributing to their increasing utilization across various industries. Additionally, rising awareness regarding the importance of maintaining the safety of workers in the electronics and manufacturing industries is acting as another growth-inducing factor. Safety sensors and disconnect switches are widely used in assembly lines, material handling units and conveyor systems to minimize occupational hazards. Other factors, such as increasing investments to improve the aging transmission and distribution infrastructure, are driving the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global disconnect switch market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, mount, voltage and application.

Breakup by Type:

- Fused
- Non-Fused

Breakup by Mount:

- Panel
- DIN Rail
- Others

Breakup by Voltage:

- Low
- Medium
- High

Breakup by Application:

- Industrial
- Residential
- Commercial

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being ABB Ltd., CG Power and Industrial Solutions Limited (Avantha Group), Eaton Corporation Plc, General Electric Company, Havells India Limited, Littelfuse Inc., Mersen, Rockwell Automation Inc., Schneider Electric, Siemens Aktiengesellschaft and Socomec Group S.A.

Key Questions Answered in This Report

1. What was the size of the global disconnect switch market in 2023?
2. What is the expected growth rate of the global disconnect switch market during 2024-2032?
3. What are the key factors driving the global disconnect switch market?

4. What has been the impact of COVID-19 on the global disconnect switch market?
5. What is the breakup of the global disconnect switch market based on the type?
6. What is the breakup of the global disconnect switch market based on the voltage?
7. What is the breakup of the global disconnect switch market based on the application?
8. What are the key regions in the global disconnect switch market?
9. Who are the key players/companies in the global disconnect switch market?

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