

Data Centre Transfer Switches and Switchgears Market Size and Share - Outlook Report, Forecast Trends and Growth Analysis (2025-2034)

Market Report | 2025-07-28 | 167 pages | EMR Inc.

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Report description:

The global data centre transfer switches and switchgears market reached a value of about USD 3.02 Billion in 2024. The industry is further expected to grow at a CAGR of about 7.80% in the forecast period of 2025-2034 to reach a value of around USD 6.40 Billion by 2034.

North America and Asia Pacific to be Significant Regional Markets for Data Centre Transfer Switches and Switchgears

With the existence of big companies in the region, such as Eaton and Emerson Electric, which have contributed to the market's growth, North America dominates the global market. These companies are committed to regularly enhancing their products and adding new technologically advanced features. Firms like Google have consistently increased their investments in the region's ultra-large-scale data centres. The development of hyper-scale data centres is also expected to drive the switches and switchgears industry. The growing demand for 24*7 hours of IT supports from data centres resulted in the significant adoption of power backup and utility systems. The increasing need to control electric consumption at the data centres is likely to drive the market growth further in the forecast period.

The Asia Pacific region is among the fastest-growing regions. The growing use of transfer switches and switchgear in the region is due to the increased frequency of power outages in data centres, which has raised the requirement for backup equipment. Also, the widespread use of smartphones and the widespread availability of the Internet have increased the amount of data that must be saved and processed. The Asia Pacific market is predicted to develop as the number of data centres grows with the rising adoption of power backup and utility systems.

Data Centre Transfer Switches and Switchgears: Market Segmentation

Transfer switches and switchgear are used in data centre designs to control the power supply and protect the devices in the event

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of a power outage. Data centres have massive and complex system architectures, and a power loss in one could have a negative impact on the overall system's productivity.

Market Breakup by Switchgears Type

- Low Voltage
- Medium Voltage

Market Breakup by Transfer Switches Type

- Automatic Transfer Switches
- Static Transfer Switches
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Increasing Need to Control Overconsumption of Electricity Augmenting the Market Growth

Power backup and control devices, such as switchgear, including fuses and circuit breakers, are used to safeguard, isolate, and prevent electrical equipment failure. As a result, the growing necessity to control the electrical supply in data centres is expected to propel the market for data centre transfer switches and switchgear forward. High-voltage power supplies in data centres have led to the increasing adoption of switchgear, which drives the demand for data centre transfer switches and switchgear markets. Data centres require a variety of transfer switches and switchgear, which are distributed in multiple places according to their use. The market for data centre transfer switches and switchgear is projected to be influenced by the increasing necessity of data centre redundancy and the evolving importance of transfer switches and switchgear. Data centre operators' reliance on power management solutions has grown as power costs have risen. As a result, transfer switch and switchgear manufacturers are committed to incorporate innovative technical features into their products. Additionally, prominent market players are concentrating on mergers and acquisitions; for example, Siemens announced its biggest acquisition with C&S Electric Ltd., an electronics company situated in Delhi, India, for a cash consideration of INR 2100 crore, in March 2021. Siemens' presence in India's low voltage switchgear sector will be bolstered as a result of this acquisition.

Key Industry Players in the Global Data Centre Transfer Switches and Switchgears Market

The report gives a detailed analysis of the following key players in the global data centre transfer switches and switchgears industry, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- Caterpillar Inc.
- Cummins Inc.
- ABB Ltd
- Delta Electronics, Inc.

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- Eaton Corporation PLC
- Siemens AG
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

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