

US Circuit Breakers Market Size study, by Insulation Type (Vacuum Circuit Breaker, Air Circuit Breaker, Gas Circuit Breaker, Oil Circuit Breaker) by Voltage (Medium Voltage, High Voltage) by Installation (Indoor, Outdoor) By End User (T&D Utilities, Power Generation, Renewables, Railways) Forecasts 2022-2032

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Abstracts

US Circuit Breakers Market is valued approximately at USD 1.13 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 6.10% over the forecast period 2024-2032. Circuit breakers are electrical devices that instantly stop electrical flow when an error is detected. The primary function of a circuit breaker is to protect an electrical circuit from damage caused by an overload or short circuit. The growing popularity of electric vehicles (EVs) is driving demand for circuit breakers capable of handling the unique requirements of EV charging infrastructure. This includes high-power circuit breakers capable of safely disconnecting charging stations in case of emergencies or faults.

Moreover, the increasing adoption of renewable energy sources like solar and wind power necessitates robust electrical infrastructure, including circuit breakers, to manage the intermittent nature of these energy sources and ensure grid stability. Also, the ongoing modernization and expansion of electrical infrastructure in the US, including upgrades to aging power grids, industrial facilities, and commercial buildings, drive the demand for circuit breakers.

However, stringent environmental and safety regulations for SF6 circuit breakers, and availability of low-cost products by local players from unorganized sector are expected to hinder the market growth during the forecast period 2024-2032.

Major market player included in this report are:

General Electric

Atom Power, Inc.

Powell Industries Inc.

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 Insulation Type

Vacuum Circuit Breaker

Air Circuit Breaker

Gas Circuit Breaker

Oil Circuit Breaker

By Voltage

Medium Voltage

High Voltage

By Installation

Indoor

Outdoor

By End User:

T&D Utilities

Power Generation

Renewables

Railways

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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