

# Global 24VDC and 48VDC Electronic Circuit Breakers Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global 24VDC and 48VDC Electronic Circuit Breakers market size was valued at US\$ 226 million in 2024 and is forecast to a readjusted size of USD 293 million by 2031 with a CAGR of 3.8% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

DC Electronic Circuit Breakers are specialized devices designed to protect Direct Current (DC) circuits from electrical faults such as overcurrents, short circuits, and other abnormal conditions. These breakers use electronic components and control systems to monitor the current flowing through a circuit and automatically interrupt the circuit when an unsafe condition is detected. They are particularly important in applications where DC power is used, such as in telecommunications, industrial automation, and more.

This report studies 24VDC and 48VDC electronic circuit breakers.

This report is a detailed and comprehensive analysis for global 24VDC and 48VDC Electronic Circuit Breakers market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

## Key Features:

Global 24VDC and 48VDC Electronic Circuit Breakers market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global 24VDC and 48VDC Electronic Circuit Breakers market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global 24VDC and 48VDC Electronic Circuit Breakers market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global 24VDC and 48VDC Electronic Circuit Breakers market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

## The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for 24VDC and 48VDC Electronic Circuit Breakers
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global 24VDC and 48VDC Electronic Circuit Breakers market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Phoenix Contact, ETA, Allen Bradley (Rockwell Automation), WAGO, Weidmuller, PULS, BLOCK, Murrelektronik, Omron, ifm electronic, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

24VDC and 48VDC Electronic Circuit Breakers market is split by Type and by

Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

24VDC

48VDC

#### Market segment by Application

Automation

Mechanical Engineering

New Energy

Telecom & Datacom

Others

#### Major players covered

Phoenix Contact

ETA

Allen Bradley (Rockwell Automation)

WAGO

Weidmuller

PULS

BLOCK

Murrelektronik

Omron

ifm electronic

ADELSystem

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 24VDC and 48VDC Electronic Circuit Breakers product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 24VDC and 48VDC Electronic Circuit Breakers, with price, sales quantity, revenue, and global market share of 24VDC and 48VDC Electronic Circuit Breakers from 2020 to 2025.

Chapter 3, the 24VDC and 48VDC Electronic Circuit Breakers competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 24VDC and 48VDC Electronic Circuit Breakers breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and 24VDC and 48VDC Electronic Circuit Breakers market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 24VDC and 48VDC Electronic Circuit Breakers.

Chapter 14 and 15, to describe 24VDC and 48VDC Electronic Circuit Breakers sales channel, distributors, customers, research findings and conclusion.

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