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Recloser Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Phase Type (Single Phase, Three-Phase and Triple Single-Phase), By Control Type (Electric and Hydraulic), By Voltage Rating (Up to 15 kV, 16 to 27 kV, 28-38 kV), By Sectionalizer Control Type (Resettable Electronic Sectionalizer and Programmable Resettable Sectionalizer), By Region & Competition, 2021-2031F

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Abstracts

The Global Recloser Market is projected to expand from USD 1.86 Billion in 2025 to USD 2.61 Billion by 2031, registering a CAGR of 5.81%. Functioning as an automatic high-voltage switchgear device, a recloser is engineered to interrupt electrical power during temporary faults and subsequently test the line to reinstate service without requiring manual interference. The market is largely driven by the urgent global requirement for improved grid reliability and the extensive modernization of deteriorating distribution infrastructure to curtail outage durations. Additionally, the growing incorporation of distributed renewable energy resources demands robust protection systems to regulate variable power flows and guarantee network stability.

Conversely, a major obstacle impeding broader market growth is the considerable initial capital expenditure required for intelligent recloser units, which can burden utility budgets in developing regions. Despite this financial hurdle, funding for infrastructure serves as a potent growth catalyst. According to the International Energy Agency, global investment in electricity grids was expected to hit USD 400 billion in 2024. This significant allocation toward infrastructure hardening and distribution automation directly

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supports the demand for protective equipment, although financing limitations in cost-sensitive markets may restrict the pace of adoption.

Market Driver

The revitalization of aging grid infrastructure acts as a primary catalyst for the recloser market, prompting utilities to replace obsolete switchgear to enhance system resilience against extreme weather events and load fluctuations. Governments and private entities are allocating substantial capital toward hardening distribution networks, which directly fuels the deployment of automatic circuit reclosers designed to isolate faults and minimize downtime. According to the Edison Electric Institute's '2024 Financial Review' from July 2025, U.S. investor-owned electric companies are expected to invest over $1.1 trillion between 2025 and 2029 to support growing electricity demand and infrastructure hardening. This significant capital allocation facilitates the adoption of intelligent switching devices necessary for maintaining continuity in storm-prone and aging electrical infrastructures.

Simultaneously, the rising integration of renewable energy sources necessitates advanced protection schemes to manage the bidirectional power flows and intermittency associated with distributed generation. As solar and wind capacities expand, distribution networks require reclosers equipped with smart sensors to maintain voltage stability and prevent asynchronous connections. According to National Grid's 'Results Presentation FY24/25' in May 2025, the utility connected 2.2 gigawatts of renewable generation in the UK during the fiscal year, highlighting the rapid pace of green energy adoption. To manage these complex grid dynamics, utilities are deploying automated sectionalizing strategies which also serve to improve overall network reliability. For instance, according to Pacific Gas and Electric Company, in 2025, the utility reported that through the end of 2024, the average duration of outages on circuits enabled with enhanced safety settings decreased by 17% compared to the prior two-year average.

Market Challenge

The primary challenge hindering the expansion of the Global Recloser Market is the substantial initial capital expenditure required for the acquisition and installation of intelligent recloser units. These advanced devices incorporate complex sensing, communication, and processing technologies, which significantly elevates their upfront cost compared to traditional switchgear. For utilities operating in cost-sensitive markets or developing regions, this financial burden often necessitates the deferral of grid

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automation projects or forces a compromise on the quantity of units deployed, thereby slowing the overall modernization rate.

The rigorous capital demands of maintaining and upgrading electrical infrastructure further exacerbate this issue, as utilities must prioritize essential grid hardening over advanced automation. The sheer scale of required funding is evident in the industry's expenditure patterns. According to the Edison Electric Institute, in 2024, U.S. investor-owned electric companies invested a record USD 178.2 billion to enhance transmission and distribution infrastructure. Such colossal baseline costs limit the discretionary funds available for widespread intelligent recloser adoption in regions facing tighter financial constraints or limited access to capital.

Market Trends

Utilities are actively utilizing smart reclosers as critical components in Fault Location, Isolation, and Service Restoration (FLISR) systems, enabling "self-healing" grids that automatically reroute power to minimize outage duration and impact. By communicating peer-to-peer or via a centralized system, these devices isolate faults and restore service to healthy line sections within seconds, a capability proving essential for maintaining grid stability during increasingly frequent severe weather events. This automation significantly improves reliability indices by preventing sustained interruptions for customers on unaffected circuit segments. According to Duke Energy, September 2025, in the 'Duke Energy's smart, self-healing technology helps keep the lights on for Florida customers' press release, the utility's deployment of self-healing technology helped avoid more than 950,000 extended power outages and save nearly 6.3 million hours of lost service for customers in Florida since January 2024.

There is a growing technological trend toward using solid dielectric technologies and vacuum interrupters, moving away from oil and SF6-insulated models to eliminate leakage risks and comply with stricter environmental regulations. Manufacturers are rapidly phasing out sulfur hexafluoride due to its high global warming potential, replacing it with clean air or solid insulation alternatives in medium-voltage switchgear to align with global decarbonization mandates. This transition is accelerating as regions implement aggressive policies to ban fluorinated gases in new electrical infrastructure. According to Schneider Electric, November 2025, in the 'Schneider Electric Launches Future-Ready SF6-Free Primary Switchgear Technology' press release, the company unveiled its GM AirSeT switchgear which utilizes pure air for insulation to ensure compliance with the recently enacted EU regulation 2024/573 on fluorinated greenhouse gases.

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Key Market Players

Schneider Electric

ABB Ltd.

Eaton Corporation Plc

Hubbell Incorporated

S&C Electric Company

Entec Electric & Electronic Co. Ltd.

G&W Electric Company

Noja Power Switchgear Pty Ltd.

Ghorit Electrical Co. Ltd.

Tavrida Electric

Report Scope

In this report, the Global Recloser Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Recloser Market, By Phase Type

Single Phase

Three-Phase and Triple Single-Phase

Recloser Market, By Control Type

Electric and Hydraulic

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Recloser Market, By Voltage Rating

- Up to 15 kV
- 16 to 27 kV
- 28-38 kV

Recloser Market, By Sectionalizer Control Type

- Resettable Electronic Sectionalizer and Programmable Resettable Sectionalizer

Recloser Market, By Region

- North America
  - United States
  - Canada
  - Mexico
- Europe
  - France
  - United Kingdom
  - Italy
  - Germany
  - Spain
- Asia Pacific
  - China

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India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Recloser Market.

Available Customizations:

Global Recloser Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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