

# **Global Residual Current Circuit Breaker Market Size study, by End-Use (Residential, Commercial and Industrial), by Power Input (Single Phase and Three Phase) and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Residual Current Circuit Breaker Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. A residual-current device (RCD) or residual-current circuit breaker (RCCB) or ground fault circuit interrupter (GFCI) is an electrical safety device that quickly breaks an electrical circuit with leakage current to the ground. It is to protect equipment and to reduce the risk of serious harm from an ongoing electric shock. The growing investments in large-scale renewables and solar energy resources and expanding industrial production has led to the adoption of Residual Current Circuit Breaker across the forecast period. For Instance: According to the statistics availed by the World Bank The NTPC is expected to commission India's largest floating solar power plant in Ramagundam, Telangana by May-June 2022. The expected total installed capacity is 447MW. In March 2021, the US Agency for International Development (USAID) and the US International Development Finance Corporation (DFC) reported a loan guarantee programme worth US\$ 41 million to support Indian SME investments in renewable energy. Also, with the technological advancements, the adoption & demand for Residual Current Circuit Breaker is likely to increase the market growth during the forecast period. However, lack of skilled professionals impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Residual Current Circuit Breaker Market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region across the world in terms of market share owing to the massive investments in large-scale renewables and solar energy resources will lead

to capacity expansion for clean energy. Whereas, Asia-Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2022-2028. Factors such as an increase in the construction of renewable electricity generation power plants would create lucrative growth prospects for the Residual Current Circuit Breaker market across Asia-Pacific region.

Major market players included in this report are:

Rockwell Automation Inc  
ABB  
Siemens AG  
Schneider Electric  
Honeywell International Inc.  
Eaton  
Havells India Ltd.  
Hager Group  
HPL Electric & Power Limited  
Larsen & Toubro Limited.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By End-Use:

Residential  
Commercial  
Industrial

By Power Input:

Single Phase  
Three Phase

By Region:

North America  
U.S.  
Canada  
Europe

UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Residual Current Circuit Breaker Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
  - 1.2.1. Residual Current Circuit Breaker Market, by Region, 2020-2028 (USD Billion)
  - 1.2.2. Residual Current Circuit Breaker Market, by End-use, 2020-2028 (USD Billion)
  - 1.2.3. Residual Current Circuit Breaker Market, by Power Input, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL RESIDUAL CURRENT CIRCUIT BREAKER MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL RESIDUAL CURRENT CIRCUIT BREAKER MARKET DYNAMICS**

- 3.1. Residual Current Circuit Breaker Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Growing investments in large-scale renewables and solar energy resources
    - 3.1.1.2. Expanding industrial production
  - 3.1.2. Market Challenges
    - 3.1.2.1. Lack of skilled Professionals
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Technological advancements

### **CHAPTER 4. GLOBAL RESIDUAL CURRENT CIRCUIT BREAKER MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2019-2028)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

## **CHAPTER 6. GLOBAL RESIDUAL CURRENT CIRCUIT BREAKER MARKET, BY END-USE**

- 6.1. Market Snapshot
- 6.2. Global Residual Current Circuit Breaker Market by End-use, Performance - Potential Analysis
- 6.3. Global Residual Current Circuit Breaker Market Estimates & Forecasts by End-use, 2019-2028 (USD Billion)
- 6.4. Residual Current Circuit Breaker Market, Sub Segment Analysis
  - 6.4.1. Residential
  - 6.4.2. Commercial
  - 6.4.3. Industrial

## **CHAPTER 7. GLOBAL RESIDUAL CURRENT CIRCUIT BREAKER MARKET, BY POWER INPUT**

- 7.1. Market Snapshot

- 7.2. Global Residual Current Circuit Breaker Market by Power Input, Performance - Potential Analysis
- 7.3. Global Residual Current Circuit Breaker Market Estimates & Forecasts by Power Input, 2019-2028 (USD Billion)
- 7.4. Residual Current Circuit Breaker Market, Sub Segment Analysis
  - 7.4.1. Single Phase
  - 7.4.2. Three Phase

## **CHAPTER 8. GLOBAL RESIDUAL CURRENT CIRCUIT BREAKER MARKET, REGIONAL ANALYSIS**

- 8.1. Residual Current Circuit Breaker Market, Regional Market Snapshot
- 8.2. North America Residual Current Circuit Breaker Market
  - 8.2.1. U.S. Residual Current Circuit Breaker Market
    - 8.2.1.1. End-use breakdown estimates & forecasts, 2019-2028
    - 8.2.1.2. Power Input breakdown estimates & forecasts, 2019-2028
  - 8.2.2. Canada Residual Current Circuit Breaker Market
- 8.3. Europe Residual Current Circuit Breaker Market Snapshot
  - 8.3.1. U.K. Residual Current Circuit Breaker Market
  - 8.3.2. Germany Residual Current Circuit Breaker Market
  - 8.3.3. France Residual Current Circuit Breaker Market
  - 8.3.4. Spain Residual Current Circuit Breaker Market
  - 8.3.5. Italy Residual Current Circuit Breaker Market
  - 8.3.6. Rest of Europe Residual Current Circuit Breaker Market
- 8.4. Asia-Pacific Residual Current Circuit Breaker Market Snapshot
  - 8.4.1. China Residual Current Circuit Breaker Market
  - 8.4.2. India Residual Current Circuit Breaker Market
  - 8.4.3. Japan Residual Current Circuit Breaker Market
  - 8.4.4. Australia Residual Current Circuit Breaker Market
  - 8.4.5. South Korea Residual Current Circuit Breaker Market
  - 8.4.6. Rest of Asia Pacific Residual Current Circuit Breaker Market
- 8.5. Latin America Residual Current Circuit Breaker Market Snapshot
  - 8.5.1. Brazil Residual Current Circuit Breaker Market
  - 8.5.2. Mexico Residual Current Circuit Breaker Market
- 8.6. Rest of The World Residual Current Circuit Breaker Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Top Market Strategies

## 9.2. Company Profiles

### 9.2.1. Rockwell Automation Inc

#### 9.2.1.1. Key Information

#### 9.2.1.2. Overview

#### 9.2.1.3. Financial (Subject to Data Availability)

#### 9.2.1.4. Product Summary

#### 9.2.1.5. Recent Developments

### 9.2.2. ABB

### 9.2.3. Siemens AG

### 9.2.4. Schneider Electric

### 9.2.5. Honeywell International Inc.

### 9.2.6. Eaton

### 9.2.7. Havells India Ltd.

### 9.2.8. Hager Group

### 9.2.9. HPL Electric & Power Limited

### 9.2.10. Larsen & Toubro Limited.

## **CHAPTER 10. RESEARCH PROCESS**

### 10.1. Research Process

#### 10.1.1. Data Mining

#### 10.1.2. Analysis

#### 10.1.3. Market Estimation

#### 10.1.4. Validation

#### 10.1.5. Publishing

### 10.2. Research Attributes

### 10.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Residual Current Circuit Breaker Market, report scope

TABLE 2. Global Residual Current Circuit Breaker Market estimates & forecasts by Region 2019-2028 (USD Billion)

TABLE 3. Global Residual Current Circuit Breaker Market estimates & forecasts by End-use 2019-2028 (USD Billion)

TABLE 4. Global Residual Current Circuit Breaker Market estimates & forecasts by Power Input 2019-2028 (USD Billion)

TABLE 5. Global Residual Current Circuit Breaker Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 6. Global Residual Current Circuit Breaker Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 7. Global Residual Current Circuit Breaker Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 8. Global Residual Current Circuit Breaker Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 9. Global Residual Current Circuit Breaker Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 10. Global Residual Current Circuit Breaker Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 11. Global Residual Current Circuit Breaker Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 12. Global Residual Current Circuit Breaker Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 13. Global Residual Current Circuit Breaker Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 14. Global Residual Current Circuit Breaker Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 15. U.S. Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 16. U.S. Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 17. U.S. Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 18. Canada Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)



TABLE 19. Canada Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 20. Canada Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 21. UK Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 22. UK Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 23. UK Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 24. Germany Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 25. Germany Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 26. Germany Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 27. RoE Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 28. RoE Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 29. RoE Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 30. China Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 31. China Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 32. China Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 33. India Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 34. India Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 35. India Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 36. Japan Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 37. Japan Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 38. Japan Residual Current Circuit Breaker Market estimates & forecasts by

segment 2019-2028 (USD Billion)

TABLE 39. RoAPAC Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 40. RoAPAC Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 41. RoAPAC Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 42. Brazil Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 43. Brazil Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 44. Brazil Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 45. Mexico Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 46. Mexico Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 47. Mexico Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 48. RoLA Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 49. RoLA Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 50. RoLA Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 51. Row Residual Current Circuit Breaker Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 52. Row Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 53. Row Residual Current Circuit Breaker Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 54. List of secondary sources, used in the study of global Residual Current Circuit Breaker Market

TABLE 55. List of primary sources, used in the study of global Residual Current Circuit Breaker Market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Residual Current Circuit Breaker Market, research methodology
- FIG 2. Global Residual Current Circuit Breaker Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Residual Current Circuit Breaker Market, key trends 2021
- FIG 5. Global Residual Current Circuit Breaker Market, growth prospects 2022-2028
- FIG 6. Global Residual Current Circuit Breaker Market, porters 5 force model
- FIG 7. Global Residual Current Circuit Breaker Market, pest analysis
- FIG 8. Global Residual Current Circuit Breaker Market, value chain analysis
- FIG 9. Global Residual Current Circuit Breaker Market by segment, 2019 & 2028 (USD Billion)
- FIG 10. Global Residual Current Circuit Breaker Market by segment, 2019 & 2028 (USD Billion)
- FIG 11. Global Residual Current Circuit Breaker Market by segment, 2019 & 2028 (USD Billion)
- FIG 12. Global Residual Current Circuit Breaker Market by segment, 2019 & 2028 (USD Billion)
- FIG 13. Global Residual Current Circuit Breaker Market by segment, 2019 & 2028 (USD Billion)
- FIG 14. Global Residual Current Circuit Breaker Market, regional snapshot 2019 & 2028
- FIG 15. North America Residual Current Circuit Breaker Market 2019 & 2028 (USD Billion)
- FIG 16. Europe Residual Current Circuit Breaker Market 2019 & 2028 (USD Billion)
- FIG 17. Asia pacific Residual Current Circuit Breaker Market 2019 & 2028 (USD Billion)
- FIG 18. Latin America Residual Current Circuit Breaker Market 2019 & 2028 (USD Billion)
- FIG 19. Global Residual Current Circuit Breaker Market, company market share analysis (2021)

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