



Global Programmable Automation Controller (PAC) Modules Market by Size, by Type, by Application, by Region, History and Forecast 2021-2032

Industry	Published	Pages	Format
Electronics & Semiconductor	2026-07-05	197	PDF

Single User	Multi User	Enterprise
USD 3,950	USD 5,925	USD 7,900

Description

The global Programmable Automation Controller (PAC) Modules market is projected to grow from US\$ million in 2026 to US\$ million by 2032, implying a CAGR of % over 2026-2032.

The US & Canada market for Programmable Automation Controller (PAC) Modules is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The Europe market for Programmable Automation Controller (PAC) Modules is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The Asia Pacific market for Programmable Automation Controller (PAC) Modules is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The China market for Programmable Automation Controller (PAC) Modules is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

Leading global manufacturers of Programmable Automation Controller (PAC) Modules include Vention, Advantech, GE, Gantner Instruments, Mitsubishi Electric Automation, Schneider Electric, STW Technic, NI and Lantek, among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

On the production side, the report examines Programmable Automation Controller (PAC) Modules output, growth rates, and market shares by manufacturer and by region (at regional and country level) for 2021-2026, with forecasts through 2032.

On the consumption side, the report analyzes sales of Programmable Automation Controller (PAC) Modules by region (regional and country level), company, type, and application for 2021-2026 and provides forecasts through 2032.

The report provides an overview of the global Programmable Automation Controller (PAC) Modules market in terms of capacity, output, revenue, and price, analyzing global market trends using historical revenue and sales data for 2021-2025, estimates for 2026, and projected CAGRs through 2032.

The study covers key producers of Programmable Automation Controller (PAC) Modules and consumption patterns in major regions and countries, assesses future market potential, and highlights priority regions and countries for segmenting the market into sub-sectors, with country-specific market value data for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, the Middle East, Africa, and other countries.

The report also presents Programmable Automation Controller (PAC) Modules sales, revenue, market share, and industry ranking for the main manufacturers for 2021-2026, identifies the major stakeholders in the global

market, and analyzes their competitive landscape and market positioning based on recent developments and segmental revenues.

In addition, the report analyzes segment data by type and application—covering sales, revenue, and price—for 2021-2032, and evaluates and forecasts the Programmable Automation Controller (PAC) Modules market size, projected growth trends, production technologies, key applications, and end-use industries.

Programmable Automation Controller (PAC) Modules Segment by Company

- Vention
- Advantech
- GE
- Gantner Instruments
- Mitsubishi Electric Automation
- Schneider Electric
- STW Technic
- NI
- Lantek
- NKE Watteco
- Pico MES
- Prima Electro
- Siemens
- WAGO
- Hurco Automation
- Shenyang Vhandy Technology
- Atekon Technology
- Shenzhen Kinco

Programmable Automation Controller (PAC) Modules Segment by Type

- I/O Modules
- Relay Modules
- Counter modules
- Serial Modules
- Servo Controller Modules
- Timer Modules
- Data Acquisition Modules
- Others

Programmable Automation Controller (PAC) Modules Segment by Application

- Steel
- Petroleum
- Chemical Industry
- Electricity
- Building Materials
- Automotive
- Others

Programmable Automation Controller (PAC) Modules Segment by Region

- North America
- United States
- Canada
- Mexico

Europe
Germany
France
U.K.
Italy
Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Programmable Automation Controller (PAC) Modules market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Programmable Automation Controller (PAC) Modules and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Programmable Automation Controller (PAC) Modules.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Provides an overview of the Programmable Automation Controller (PAC) Modules market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2021-2032).

Chapter 2:

Analysis key trends, drivers, challenges, and opportunities within the global Programmable Automation Controller (PAC) Modules industry.

Chapter 3:

Detailed analysis of Programmable Automation Controller (PAC) Modules market competition landscape. Including Programmable Automation Controller (PAC) Modules manufacturers' output value, output and average price from 2021 to 2026, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7:

Production/Production Value of Programmable Automation Controller (PAC) Modules by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8:

Consumption of Programmable Automation Controller (PAC) Modules in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Concluding Insights of the report.

Table of Contents

1 Market Overview

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Programmable Automation Controller (PAC) Modules Production Value Estimates and Forecasts (2021-2032)
 - 1.2.2 Global Programmable Automation Controller (PAC) Modules Production Capacity Estimates and Forecasts (2021-2032)
 - 1.2.3 Global Programmable Automation Controller (PAC) Modules Production Estimates and Forecasts (2021-2032)
 - 1.2.4 Global Programmable Automation Controller (PAC) Modules Market Average Price (2021-2032)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 Global Programmable Automation Controller (PAC) Modules Market Dynamics

- 2.1 Programmable Automation Controller (PAC) Modules Industry Trends
- 2.2 Programmable Automation Controller (PAC) Modules Industry Drivers
- 2.3 Programmable Automation Controller (PAC) Modules Industry Opportunities and Challenges
- 2.4 Programmable Automation Controller (PAC) Modules Industry Restraints

3 Programmable Automation Controller (PAC) Modules Market by Manufacturers

- 3.1 Global Programmable Automation Controller (PAC) Modules Production Value by Manufacturers (2021-2026)
- 3.2 Global Programmable Automation Controller (PAC) Modules Production by Manufacturers (2021-2026)
- 3.3 Global Programmable Automation Controller (PAC) Modules Average Price by Manufacturers (2021-2026)
- 3.4 Global Programmable Automation Controller (PAC) Modules Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Programmable Automation Controller (PAC) Modules Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Programmable Automation Controller (PAC) Modules Manufacturers, Product Type & Application
- 3.7 Global Programmable Automation Controller (PAC) Modules Manufacturers Established Date
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Programmable Automation Controller (PAC) Modules Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Programmable Automation Controller (PAC) Modules Players Market Share by Production Value in 2025
 - 3.8.3 2025 Programmable Automation Controller (PAC) Modules Tier 1, Tier 2, and Tier 3

4 Programmable Automation Controller (PAC) Modules Market by Type

- 4.1 Programmable Automation Controller (PAC) Modules Type Introduction
 - 4.1.1 I/O Modules
 - 4.1.2 Relay Modules
 - 4.1.3 Counter modules
 - 4.1.4 Serial Modules
 - 4.1.5 Servo Controller Modules
 - 4.1.6 Timer Modules
 - 4.1.7 Data Acquisition Modules
 - 4.1.8 Others
- 4.2 Global Programmable Automation Controller (PAC) Modules Production by Type
 - 4.2.1 Global Programmable Automation Controller (PAC) Modules Production by Type (2021 VS 2025 VS 2032)
 - 4.2.2 Global Programmable Automation Controller (PAC) Modules Production by Type (2021-2032)
 - 4.2.3 Global Programmable Automation Controller (PAC) Modules Production Market Share by Type (2021-2032)
- 4.3 Global Programmable Automation Controller (PAC) Modules Production Value by Type

- 4.3.1 Global Programmable Automation Controller (PAC) Modules Production Value by Type (2021 VS 2025 VS 2032)
- 4.3.2 Global Programmable Automation Controller (PAC) Modules Production Value by Type (2021-2032)
- 4.3.3 Global Programmable Automation Controller (PAC) Modules Production Value Market Share by Type (2021-2032)

5 Programmable Automation Controller (PAC) Modules Market by Application

- 5.1 Programmable Automation Controller (PAC) Modules Application Introduction
 - 5.1.1 Steel
 - 5.1.2 Petroleum
 - 5.1.3 Chemical Industry
 - 5.1.4 Electricity
 - 5.1.5 Building Materials
 - 5.1.6 Automotive
 - 5.1.7 Others
- 5.2 Global Programmable Automation Controller (PAC) Modules Production by Application
 - 5.2.1 Global Programmable Automation Controller (PAC) Modules Production by Application (2021 VS 2025 VS 2032)
 - 5.2.2 Global Programmable Automation Controller (PAC) Modules Production by Application (2021-2032)
 - 5.2.3 Global Programmable Automation Controller (PAC) Modules Production Market Share by Application (2021-2032)
- 5.3 Global Programmable Automation Controller (PAC) Modules Production Value by Application
 - 5.3.1 Global Programmable Automation Controller (PAC) Modules Production Value by Application (2021 VS 2025 VS 2032)
 - 5.3.2 Global Programmable Automation Controller (PAC) Modules Production Value by Application (2021-2032)
 - 5.3.3 Global Programmable Automation Controller (PAC) Modules Production Value Market Share by Application (2021-2032)

6 Company Profiles

- 6.1 Vention
 - 6.1.1 Vention Company Information
 - 6.1.2 Vention Business Overview
 - 6.1.3 Vention Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.1.4 Vention Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.1.5 Vention Recent Developments
- 6.2 Advantech
 - 6.2.1 Advantech Company Information
 - 6.2.2 Advantech Business Overview
 - 6.2.3 Advantech Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.2.4 Advantech Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.2.5 Advantech Recent Developments
- 6.3 GE
 - 6.3.1 GE Company Information
 - 6.3.2 GE Business Overview
 - 6.3.3 GE Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.3.4 GE Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.3.5 GE Recent Developments
- 6.4 Gantner Instruments
 - 6.4.1 Gantner Instruments Company Information
 - 6.4.2 Gantner Instruments Business Overview
 - 6.4.3 Gantner Instruments Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.4.4 Gantner Instruments Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.4.5 Gantner Instruments Recent Developments

6.5 Mitsubishi Electric Automation

6.5.1 Mitsubishi Electric Automation Company Information

6.5.2 Mitsubishi Electric Automation Business Overview

6.5.3 Mitsubishi Electric Automation Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)

6.5.4 Mitsubishi Electric Automation Programmable Automation Controller (PAC) Modules Product Portfolio

6.5.5 Mitsubishi Electric Automation Recent Developments

6.6 Schneider Electric

6.6.1 Schneider Electric Company Information

6.6.2 Schneider Electric Business Overview

6.6.3 Schneider Electric Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)

6.6.4 Schneider Electric Programmable Automation Controller (PAC) Modules Product Portfolio

6.6.5 Schneider Electric Recent Developments

6.7 STW Technic

6.7.1 STW Technic Company Information

6.7.2 STW Technic Business Overview

6.7.3 STW Technic Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)

6.7.4 STW Technic Programmable Automation Controller (PAC) Modules Product Portfolio

6.7.5 STW Technic Recent Developments

6.8 NI

6.8.1 NI Company Information

6.8.2 NI Business Overview

6.8.3 NI Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)

6.8.4 NI Programmable Automation Controller (PAC) Modules Product Portfolio

6.8.5 NI Recent Developments

6.9 Lantek

6.9.1 Lantek Company Information

6.9.2 Lantek Business Overview

6.9.3 Lantek Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)

6.9.4 Lantek Programmable Automation Controller (PAC) Modules Product Portfolio

6.9.5 Lantek Recent Developments

6.10 NKE Wateco

6.10.1 NKE Wateco Company Information

6.10.2 NKE Wateco Business Overview

6.10.3 NKE Wateco Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)

6.10.4 NKE Wateco Programmable Automation Controller (PAC) Modules Product Portfolio

6.10.5 NKE Wateco Recent Developments

6.11 Pico MES

6.11.1 Pico MES Company Information

6.11.2 Pico MES Business Overview

6.11.3 Pico MES Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)

6.11.4 Pico MES Programmable Automation Controller (PAC) Modules Product Portfolio

6.11.5 Pico MES Recent Developments

6.12 Prima Electro

6.12.1 Prima Electro Company Information

6.12.2 Prima Electro Business Overview

- 6.12.3 Prima Electro Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.12.4 Prima Electro Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.12.5 Prima Electro Recent Developments
- 6.13 Siemens
 - 6.13.1 Siemens Company Information
 - 6.13.2 Siemens Business Overview
 - 6.13.3 Siemens Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.13.4 Siemens Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.13.5 Siemens Recent Developments
- 6.14 WAGO
 - 6.14.1 WAGO Company Information
 - 6.14.2 WAGO Business Overview
 - 6.14.3 WAGO Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.14.4 WAGO Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.14.5 WAGO Recent Developments
- 6.15 Hurco Automation
 - 6.15.1 Hurco Automation Company Information
 - 6.15.2 Hurco Automation Business Overview
 - 6.15.3 Hurco Automation Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.15.4 Hurco Automation Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.15.5 Hurco Automation Recent Developments
- 6.16 Shenyang Vhandy Technology
 - 6.16.1 Shenyang Vhandy Technology Company Information
 - 6.16.2 Shenyang Vhandy Technology Business Overview
 - 6.16.3 Shenyang Vhandy Technology Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.16.4 Shenyang Vhandy Technology Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.16.5 Shenyang Vhandy Technology Recent Developments
- 6.17 Atekon Technology
 - 6.17.1 Atekon Technology Company Information
 - 6.17.2 Atekon Technology Business Overview
 - 6.17.3 Atekon Technology Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.17.4 Atekon Technology Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.17.5 Atekon Technology Recent Developments
- 6.18 Shenzhen Kinco
 - 6.18.1 Shenzhen Kinco Company Information
 - 6.18.2 Shenzhen Kinco Business Overview
 - 6.18.3 Shenzhen Kinco Programmable Automation Controller (PAC) Modules Production, Value and Gross Margin (2021-2026)
 - 6.18.4 Shenzhen Kinco Programmable Automation Controller (PAC) Modules Product Portfolio
 - 6.18.5 Shenzhen Kinco Recent Developments

7 Global Programmable Automation Controller (PAC) Modules Production by Region

- 7.1 Global Programmable Automation Controller (PAC) Modules Production by Region: 2021 VS 2025 VS 2032
- 7.2 Global Programmable Automation Controller (PAC) Modules Production by Region (2021-2032)
 - 7.2.1 Global Programmable Automation Controller (PAC) Modules Production by Region (2021-2026)

7.2.2	Global Programmable Automation Controller (PAC) Modules Production Forecast by Region (2027-2032)
7.3	Global Programmable Automation Controller (PAC) Modules Production by Region: 2021 VS 2025 VS 2032
7.4	Global Programmable Automation Controller (PAC) Modules Production Value by Region (2021-2032)
7.4.1	Global Programmable Automation Controller (PAC) Modules Production Value by Region (2021-2026)
7.4.2	Global Programmable Automation Controller (PAC) Modules Production Value by Region (2027-2032)
7.5	Global Programmable Automation Controller (PAC) Modules Market Price Analysis by Region (2021-2032)
7.6	Regional Production Value Trends (2021-2032)
7.6.1	North America Programmable Automation Controller (PAC) Modules Production Value (2021-2032)
7.6.2	Europe Programmable Automation Controller (PAC) Modules Production Value (2021-2032)
7.6.3	Asia-Pacific Programmable Automation Controller (PAC) Modules Production Value (2021-2032)
7.6.4	South America Programmable Automation Controller (PAC) Modules Production Value (2021-2032)
7.6.5	Middle East & Africa Programmable Automation Controller (PAC) Modules Production Value (2021-2032)

8 Global Programmable Automation Controller (PAC) Modules Consumption by Region

8.1	Global Programmable Automation Controller (PAC) Modules Consumption by Region: 2021 VS 2025 VS 2032
8.2	Global Programmable Automation Controller (PAC) Modules Consumption by Region (2021-2032)
8.2.1	Global Programmable Automation Controller (PAC) Modules Consumption by Region (2021-2026)
8.2.2	Global Programmable Automation Controller (PAC) Modules Consumption by Region (2027-2032)
8.3	North America
8.3.1	North America Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
8.3.2	North America Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2032)
8.3.3	U.S.
8.3.4	Canada
8.3.5	Mexico
8.4	Europe
8.4.1	Europe Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
8.4.2	Europe Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2032)
8.4.3	Germany
8.4.4	France
8.4.5	U.K.
8.4.6	Italy
8.4.7	Netherlands
8.5	Asia Pacific
8.5.1	Asia Pacific Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
8.5.2	Asia Pacific Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2032)
8.5.3	China
8.5.4	Japan
8.5.5	South Korea
8.5.6	Southeast Asia
8.5.7	India
8.5.8	Australia
8.6	South America
8.6.1	South America Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
8.6.2	South America Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2032)
8.6.3	Brazil

8.6.4 Argentina

8.6.5 Chile

8.6.6 Colombia

8.7 Middle East & Africa

8.7.1 Middle East & Africa Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

8.7.2 Middle East & Africa Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2032)

8.7.3 Egypt

8.7.4 South Africa

8.7.5 Israel

8.7.6 Türkiye

8.7.7 GCC Countries

9 Value Chain and Sales Channels Analysis

9.1 Programmable Automation Controller (PAC) Modules Value Chain Analysis

9.1.1 Programmable Automation Controller (PAC) Modules Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 Programmable Automation Controller (PAC) Modules Production Mode & Process

9.2 Programmable Automation Controller (PAC) Modules Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Programmable Automation Controller (PAC) Modules Distributors

9.2.3 Programmable Automation Controller (PAC) Modules Customers

10 Concluding Insights

11 Appendix

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Programmable Automation Controller (PAC) Modules Industry Trends
- Table 2: Programmable Automation Controller (PAC) Modules Industry Drivers
- Table 3: Programmable Automation Controller (PAC) Modules Industry Opportunities and Challenges
- Table 4: Programmable Automation Controller (PAC) Modules Industry Restraints
- Table 5: Global Programmable Automation Controller (PAC) Modules Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 6: Global Programmable Automation Controller (PAC) Modules Production Value Share by Manufacturers (2021-2026)
- Table 7: Global Programmable Automation Controller (PAC) Modules Production by Manufacturers (k units) & (2021-2026)
- Table 8: Global Programmable Automation Controller (PAC) Modules Production Market Share by Manufacturers
- Table 9: Global Programmable Automation Controller (PAC) Modules Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Programmable Automation Controller (PAC) Modules Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Programmable Automation Controller (PAC) Modules Key Manufacturers Manufacturing Sites & Headquarters
- Table 12: Global Programmable Automation Controller (PAC) Modules Manufacturers, Product Type & Application
- Table 13: Global Programmable Automation Controller (PAC) Modules Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Programmable Automation Controller (PAC) Modules by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Major Manufacturers of I/O Modules
- Table 17: Major Manufacturers of Relay Modules
- Table 18: Major Manufacturers of Counter modules
- Table 19: Major Manufacturers of Serial Modules
- Table 20: Major Manufacturers of Servo Controller Modules
- Table 21: Major Manufacturers of Timer Modules
- Table 22: Major Manufacturers of Data Acquisition Modules
- Table 23: Major Manufacturers of Others
- Table 24: Global Programmable Automation Controller (PAC) Modules Production by Type 2021 VS 2025 VS 2032 (k units)
- Table 25: Global Programmable Automation Controller (PAC) Modules Production by Type (2021-2026) & (k units)
- Table 26: Global Programmable Automation Controller (PAC) Modules Production by Type (2027-2032) & (k units)
- Table 27: Global Programmable Automation Controller (PAC) Modules Production Market Share by Type (2021-2026)
- Table 28: Global Programmable Automation Controller (PAC) Modules Production Market Share by Type (2027-2032)
- Table 29: Global Programmable Automation Controller (PAC) Modules Production Value by Type 2021 VS 2025 VS 2032 (k units)
- Table 30: Global Programmable Automation Controller (PAC) Modules Production Value by Type (2021-2026) & (k units)
- Table 31: Global Programmable Automation Controller (PAC) Modules Production Value by Type (2027-2032) & (k units)
- Table 32: Global Programmable Automation Controller (PAC) Modules Production Value Market Share by Type (2021-2026)
- Table 33: Global Programmable Automation Controller (PAC) Modules Production Value Market Share by Type (2027-2032)
- Table 34: Major Manufacturers of Steel
- Table 35: Major Manufacturers of Petroleum
- Table 36: Major Manufacturers of Chemical Industry
- Table 37: Major Manufacturers of Electricity
- Table 38: Major Manufacturers of Building Materials
- Table 39: Major Manufacturers of Automotive
- Table 40: Major Manufacturers of Others
- Table 41: Global Programmable Automation Controller (PAC) Modules Production by Application 2021 VS 2025 VS 2032 (k units)
- Table 42: Global Programmable Automation Controller (PAC) Modules Production by Application (2021-2026) & (k units)
- Table 43: Global Programmable Automation Controller (PAC) Modules Production by Application (2027-2032) & (k units)
- Table 44: Global Programmable Automation Controller (PAC) Modules Production Market Share by Application (2021-2026)
- Table 45: Global Programmable Automation Controller (PAC) Modules Production Market Share by Application (2027-2032)
- Table 46: Global Programmable Automation Controller (PAC) Modules Production Value by Application 2021 VS 2025 VS 2032 (k units)
- Table 47: Global Programmable Automation Controller (PAC) Modules Production Value by Application (2021-2026) & (k units)
- Table 48: Global Programmable Automation Controller (PAC) Modules Production Value by Application (2027-2032) & (k

units)

- Table 49: Global Programmable Automation Controller (PAC) Modules Production Value Market Share by Application (2021-2026)
- Table 50: Global Programmable Automation Controller (PAC) Modules Production Value Market Share by Application (2027-2032)
- Table 51: Vention Company Information
- Table 52: Vention Business Overview
- Table 53: Vention Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 54: Vention Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 55: Vention Recent Development
- Table 56: Advantech Company Information
- Table 57: Advantech Business Overview
- Table 58: Advantech Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 59: Advantech Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 60: Advantech Recent Development
- Table 61: GE Company Information
- Table 62: GE Business Overview
- Table 63: GE Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 64: GE Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 65: GE Recent Development
- Table 66: Gantner Instruments Company Information
- Table 67: Gantner Instruments Business Overview
- Table 68: Gantner Instruments Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 69: Gantner Instruments Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 70: Gantner Instruments Recent Development
- Table 71: Mitsubishi Electric Automation Company Information
- Table 72: Mitsubishi Electric Automation Business Overview
- Table 73: Mitsubishi Electric Automation Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 74: Mitsubishi Electric Automation Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 75: Mitsubishi Electric Automation Recent Development
- Table 76: Schneider Electric Company Information
- Table 77: Schneider Electric Business Overview
- Table 78: Schneider Electric Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 79: Schneider Electric Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 80: Schneider Electric Recent Development
- Table 81: STW Technic Company Information
- Table 82: STW Technic Business Overview
- Table 83: STW Technic Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 84: STW Technic Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 85: STW Technic Recent Development
- Table 86: NI Company Information
- Table 87: NI Business Overview
- Table 88: NI Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 89: NI Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 90: NI Recent Development
- Table 91: Lantek Company Information
- Table 92: Lantek Business Overview
- Table 93: Lantek Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 94: Lantek Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 95: Lantek Recent Development
- Table 96: NKE Watteco Company Information
- Table 97: NKE Watteco Business Overview
- Table 98: NKE Watteco Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 99: NKE Watteco Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 100: NKE Watteco Recent Development

- Table 101: Pico MES Company Information
- Table 102: Pico MES Business Overview
- Table 103: Pico MES Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 104: Pico MES Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 105: Pico MES Recent Development
- Table 106: Prima Electro Company Information
- Table 107: Prima Electro Business Overview
- Table 108: Prima Electro Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 109: Prima Electro Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 110: Prima Electro Recent Development
- Table 111: Siemens Company Information
- Table 112: Siemens Business Overview
- Table 113: Siemens Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 114: Siemens Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 115: Siemens Recent Development
- Table 116: WAGO Company Information
- Table 117: WAGO Business Overview
- Table 118: WAGO Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 119: WAGO Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 120: WAGO Recent Development
- Table 121: Hurco Automation Company Information
- Table 122: Hurco Automation Business Overview
- Table 123: Hurco Automation Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 124: Hurco Automation Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 125: Hurco Automation Recent Development
- Table 126: Shenyang Vhandy Technology Company Information
- Table 127: Shenyang Vhandy Technology Business Overview
- Table 128: Shenyang Vhandy Technology Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 129: Shenyang Vhandy Technology Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 130: Shenyang Vhandy Technology Recent Development
- Table 131: Atekon Technology Company Information
- Table 132: Atekon Technology Business Overview
- Table 133: Atekon Technology Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 134: Atekon Technology Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 135: Atekon Technology Recent Development
- Table 136: Shenzhen Kinco Company Information
- Table 137: Shenzhen Kinco Business Overview
- Table 138: Shenzhen Kinco Programmable Automation Controller (PAC) Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 139: Shenzhen Kinco Programmable Automation Controller (PAC) Modules Product Portfolio
- Table 140: Shenzhen Kinco Recent Development
- Table 141: Global Programmable Automation Controller (PAC) Modules Production by Region: 2021 VS 2025 VS 2032 (k units)
- Table 142: Global Programmable Automation Controller (PAC) Modules Production by Region (2021-2026) & (k units)
- Table 143: Global Programmable Automation Controller (PAC) Modules Production Market Share by Region (2021-2026)
- Table 144: Global Programmable Automation Controller (PAC) Modules Production Forecast by Region (2027-2032) & (k units)
- Table 145: Global Programmable Automation Controller (PAC) Modules Production Market Share Forecast by Region (2027-2032)
- Table 146: Global Programmable Automation Controller (PAC) Modules Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 147: Global Programmable Automation Controller (PAC) Modules Production Value by Region (2021-2026) & (US\$ Million)
- Table 148: Global Programmable Automation Controller (PAC) Modules Production Value Share by Region (2021-2026)
- Table 149: Global Programmable Automation Controller (PAC) Modules Production Value by Region (2027-2032) & (US\$ Million)
- Table 150: Global Programmable Automation Controller (PAC) Modules Production Value Share by Region: (2027-2032) & (US\$ Million)
- Table 151: Global Programmable Automation Controller (PAC) Modules Market Average Price (USD/unit) by Region (2021-

- 2026)
- Table 152: Global Programmable Automation Controller (PAC) Modules Market Average Price (USD/unit) by Region (2027-2032)
 - Table 153: Global Programmable Automation Controller (PAC) Modules Consumption by Region: 2021 VS 2025 VS 2032 (k units)
 - Table 154: Global Programmable Automation Controller (PAC) Modules Consumption by Region (2021-2026) & (k units)
 - Table 155: Global Programmable Automation Controller (PAC) Modules Consumption Market Share by Region (2021-2026)
 - Table 156: Global Programmable Automation Controller (PAC) Modules Consumption Forecasted by Region (2027-2032) & (k units)
 - Table 157: Global Programmable Automation Controller (PAC) Modules Consumption Forecasted Market Share by Region (2027-2032)
 - Table 158: North America Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
 - Table 159: North America Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2026) & (k units)
 - Table 160: North America Programmable Automation Controller (PAC) Modules Consumption by Country (2027-2032) & (k units)
 - Table 161: Europe Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
 - Table 162: Europe Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2026) & (k units)
 - Table 163: Europe Programmable Automation Controller (PAC) Modules Consumption by Country (2027-2032) & (k units)
 - Table 164: Asia Pacific Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
 - Table 165: Asia Pacific Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2026) & (k units)
 - Table 166: Asia Pacific Programmable Automation Controller (PAC) Modules Consumption by Country (2027-2032) & (k units)
 - Table 167: South America Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
 - Table 168: South America Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2026) & (k units)
 - Table 169: South America Programmable Automation Controller (PAC) Modules Consumption by Country (2027-2032) & (k units)
 - Table 170: Middle East & Africa Programmable Automation Controller (PAC) Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
 - Table 171: Middle East & Africa Programmable Automation Controller (PAC) Modules Consumption by Country (2021-2026) & (k units)
 - Table 172: Middle East & Africa Programmable Automation Controller (PAC) Modules Consumption by Country (2027-2032) & (k units)
 - Table 173: Key Raw Materials
 - Table 174: Raw Materials Key Suppliers
 - Table 175: Programmable Automation Controller (PAC) Modules Distributors List
 - Table 176: Programmable Automation Controller (PAC) Modules Customers List
 - Table 177: Research Programs/Design for This Report
 - Table 178: Authors List of This Report
 - Table 179: Secondary Sources
 - Table 180: Primary Sources

List of Figures:

- Figure 1: Programmable Automation Controller (PAC) Modules Product Image
- Figure 2: Global Programmable Automation Controller (PAC) Modules Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 3: Global Programmable Automation Controller (PAC) Modules Production Value (2021-2032) & (US\$ Million)
- Figure 4: Global Programmable Automation Controller (PAC) Modules Production Capacity (2021-2032) & (k units)
- Figure 5: Global Programmable Automation Controller (PAC) Modules Production (2021-2032) & (k units)
- Figure 6: Global Programmable Automation Controller (PAC) Modules Average Price (USD/unit) & (2021-2032)
- Figure 7: Global Top 5 and 10 Programmable Automation Controller (PAC) Modules Players Market Share by Production Value in 2025
- Figure 8: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 9: I/O Modules Image
- Figure 10: Relay Modules Image
- Figure 11: Counter modules Image
- Figure 12: Serial Modules Image
- Figure 13: Servo Controller Modules Image
- Figure 14: Timer Modules Image
- Figure 15: Data Acquisition Modules Image

- Figure 16: Others Image
- Figure 17: Global Programmable Automation Controller (PAC) Modules Production by Type (2021 VS 2025 VS 2032) & (k units)
- Figure 18: Global Programmable Automation Controller (PAC) Modules Production Market Share 2021 VS 2025 VS 2032
- Figure 19: Global Programmable Automation Controller (PAC) Modules Production Market Share by Type (2021-2032)
- Figure 20: Global Programmable Automation Controller (PAC) Modules Production Value by Type (2021 VS 2025 VS 2032) & (k units)
- Figure 21: Global Programmable Automation Controller (PAC) Modules Production Value Share 2021 VS 2025 VS 2032
- Figure 22: Global Programmable Automation Controller (PAC) Modules Production Value Share by Type (2021-2032)
- Figure 23: Steel Image
- Figure 24: Petroleum Image
- Figure 25: Chemical Industry Image
- Figure 26: Electricity Image
- Figure 27: Building Materials Image
- Figure 28: Automotive Image
- Figure 29: Others Image
- Figure 30: Global Programmable Automation Controller (PAC) Modules Production by Application (2021 VS 2025 VS 2032) & (k units)
- Figure 31: Global Programmable Automation Controller (PAC) Modules Production Market Share 2021 VS 2025 VS 2032
- Figure 32: Global Programmable Automation Controller (PAC) Modules Production Market Share by Application (2021-2032)
- Figure 33: Global Programmable Automation Controller (PAC) Modules Production Value by Application (2021 VS 2025 VS 2032) & (k units)
- Figure 34: Global Programmable Automation Controller (PAC) Modules Production Value Share 2021 VS 2025 VS 2032
- Figure 35: Global Programmable Automation Controller (PAC) Modules Production Value Share by Application (2021-2032)
- Figure 36: Global Programmable Automation Controller (PAC) Modules Production by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 37: Global Programmable Automation Controller (PAC) Modules Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 38: Global Programmable Automation Controller (PAC) Modules Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 39: Global Programmable Automation Controller (PAC) Modules Production Value Share by Region: 2021 VS 2025 VS 2032
- Figure 40: North America Programmable Automation Controller (PAC) Modules Production Value (2021-2032) & (US\$ Million)
- Figure 41: Europe Programmable Automation Controller (PAC) Modules Production Value (2021-2032) & (US\$ Million)
- Figure 42: Asia-Pacific Programmable Automation Controller (PAC) Modules Production Value (2021-2032) & (US\$ Million)
- Figure 43: South America Programmable Automation Controller (PAC) Modules Production Value (2021-2032) & (US\$ Million)
- Figure 44: Middle East & Africa Programmable Automation Controller (PAC) Modules Production Value (2021-2032) & (US\$ Million)
- Figure 45: North America Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: North America Programmable Automation Controller (PAC) Modules Consumption Market Share by Country (2021-2032)
- Figure 47: U.S. Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Canada Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Mexico Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Europe Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Europe Programmable Automation Controller (PAC) Modules Consumption Market Share by Country (2021-2032)
- Figure 52: Germany Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: France Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: U.K. Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Italy Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Netherlands Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Asia Pacific Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: Asia Pacific Programmable Automation Controller (PAC) Modules Consumption Market Share by Country (2021-2032)
- Figure 59: China Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: Japan Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: South Korea Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)

- units)
- Figure 62: Southeast Asia Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 63: India Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 64: Australia Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 65: South America Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 66: South America Programmable Automation Controller (PAC) Modules Consumption Market Share by Country (2021-2032)
 - Figure 67: Brazil Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 68: Argentina Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 69: Chile Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 70: Middle East & Africa Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 71: Middle East & Africa Programmable Automation Controller (PAC) Modules Consumption Market Share by Country (2021-2032)
 - Figure 72: Egypt Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 73: South Africa Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 74: Israel Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 75: Türkiye Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 76: GCC Countries Programmable Automation Controller (PAC) Modules Consumption and Growth Rate (2021-2032) & (k units)
 - Figure 77: Programmable Automation Controller (PAC) Modules Value Chain
 - Figure 78: Manufacturing Cost Structure
 - Figure 79: Programmable Automation Controller (PAC) Modules Production Mode & Process
 - Figure 80: Direct Comparison with Distribution Share
 - Figure 81: Distributors Profiles
 - Figure 82: Years Considered
 - Figure 83: Research Process
 - Figure 84: Key Executives Interviewed