

Discrete Automation Research Package 2024 & 2025

**Part of the Discrete, Process, and Capital Equipment
Service Area Coverage**

Monitor and analyze important trends, gauge market shifts
and make informed business decisions.





Daisuke Moto

*Principal Analyst,
Discrete Automation
and Machine Vision
Systems*

“Omdia estimates the market size for four discrete automation product categories – PLCs, I/O Modules, operator terminals, and industrial PCs – totalled around \$25 billion USD in 2022 and is forecast to grow to \$32 billion USD by 2027.”

Advance your competitive position comprehensive examination of the discrete automation market

A comprehensive examination of the discrete automation market

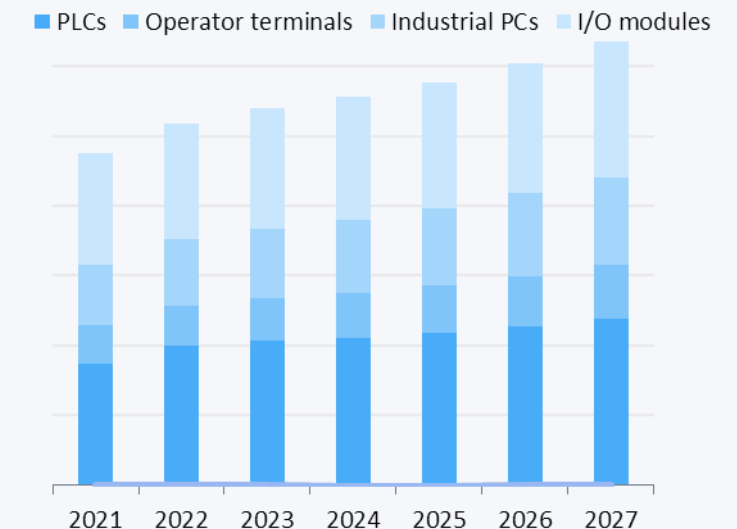
This multi-database research package from Omdia provides unique analysis of the global discrete automation markets. Alongside product specific databases, a topline report will be published investigating technology and market trends impacting discrete automation product markets.

The databases provide global, and major region (EMEA, Americas, and Asia Pacific) coverage of:

- ✓ **PLCs**
- ✓ **I/O Modules**
- ✓ **Operator Terminals**
- ✓ **Industrial PCs**

Each database provides in-depth analysis of market size, market shares for leading players and growth forecasts.

Discrete automation by product, world: 2022–27



Source: Omdia

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Global data segmentations – PLCs database

PLCs product data detail					
■ Smart relays		■ Compact PLC	■ Standard modular PLC	■ High-end modular PLC	■ Software
					■ Services
EMEA			AMERICAS	ASIA & OCEANIA	
Japan					
Austria	Ireland	Russia	Brazil	China	Singapore
Benelux	Middle East & Africa	Spain	Canada	India	South Korea
France	Nordic Countries	Switzerland	Mexico	Japan	Taiwan
Germany	Poland	Turkey	US	Malaysia	Thailand
Italy	Portugal	UK	Rest of Latin America	Australia	Rest of Asia & Oceania
		Rest of Europe		New Zealand	
				Rest of Oceania	
Industry Sector			Input method	Screen size	
Discrete			Keypad only	Less than 5.5"	
<ul style="list-style-type: none"> Automotive Commercial HVACR Food, beverage, and tobacco machinery Machine tools Materials handling Packaging machinery Printing machinery Pulp and paper machinery Robotics Rubber and plastics machinery Semiconductors Textiles machinery Woodworking Other discrete industry sectors 			Touchscreen only	5.5" to 6.9"	
			Keypad and touchscreen combination	7.0" to 9.9"	
				10.0" to 14.9"	
				Greater than 14.9"	
Process					
<ul style="list-style-type: none"> Cement, glass, and ceramics Chemicals Food and beverage Metals and mining Oil & gas Pharmaceuticals Power generation Pulp and paper Water & wastewater Other process industry sectors 					
Hybrid					
<ul style="list-style-type: none"> Battery manufacturing 					

Global data segmentations – Operator terminals database

Operator terminals product data detail					
■ Text-based		■ Basic graphical	■ Advanced graphical	■ Portable	■ Operator terminals with embedded PLC hardware
■ Web panels					
EMEA			AMERICAS	ASIA & OCEANIA	Japan
Austria	Ireland	Russia	Brazil	China	Singapore
Benelux	Middle East & Africa	Spain	Canada	India	South Korea
France	Nordic Countries	Switzerland	Mexico	Japan	Taiwan
Germany	Poland	Turkey	US	Malaysia	Thailand
Italy	Portugal	UK	Rest of Latin America	Australia	Rest of Asia & Oceania
		Rest of Europe		New Zealand	
				Rest of Oceania	
Industry Sector			Input method	Screen size	
Discrete			Keypad only	Less than 5.5"	
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Process					
<ul style="list-style-type: none"> Cement, glass, and ceramics Chemicals Food and beverage Metals and mining Oil & gas Pharmaceuticals Power generation Pulp and paper Water & wastewater Other process industry sectors 					
Hybrid					
<ul style="list-style-type: none"> Battery manufacturing 					

Global data segmentations – I/O modules Database

I/O modules product data detail					
■ Local PLC I/O		■ Local DCS I/O	■ Remote PLC I/O	■ Remote DCS I/O	■ Remote PC I/O
EMEA			AMERICAS	ASIA & OCEANIA	
Austria	Ireland	Russia	Brazil	China	Singapore
Benelux	Middle East & Africa	Spain	Canada	India	South Korea
France	Nordic Countries	Switzerland	Mexico	Japan	Taiwan
Germany	Poland	Turkey	US	Malaysia	Thailand
Italy	Portugal	UK	Rest of Latin America	Australia	Rest of Asia & Oceania
		Rest of Europe		New Zealand	
				Rest of Oceania	
Industry Sector			Functionality	Sales channel	Protection level
Discrete	Process	Non-industrial sector	Digital	Direct to end-user	IP20
• Automotive	• Cement, glass, and ceramics	• Agriculture	Analogue	Direct to OEM	IP6x
• Commercial HVACR	• Chemicals	• Building automation and	IO-Link	Direct to system integrator	
• Food, beverage, and tobacco machinery	• Food and beverage	• Video surveillance	Other	Via distribution	
• Machine tools	• Metals and mining	• Gaming			
• Materials handling	• Oil & gas	• Medical			
• Packaging machinery	• Pharmaceuticals	• Military and aerospace			
• Printing machinery	• Power generation	• Point of sales / point of information			
• Pulp and paper machinery	• Pulp and paper	• Telecoms and datacoms			
• Robotics	• Water & wastewater	• Transportation and infrastructure			
• Rubber and plastics machinery	• Other process industry sectors				
• Semiconductors	Hybrid				
• Textiles machinery	• Battery manufacturing				
• Woodworking					
• Other discrete industry sectors					

Global data segmentations – Industrial PCs database

Industrial PCs product data detail					
■ Box IPC	■ Embedded box IPC	■ Panel IPC	■ Embedded panel IPC	■ DIN rail PCs with I/O	■ Rackmount IPC
EMEA			AMERICAS	ASIA & OCEANIA	
Austria	Ireland	Russia	Brazil	China	Singapore
Benelux	Middle East & Africa	Spain	Canada	India	South Korea
France	Nordic Countries	Switzerland	Mexico	Japan	Taiwan
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		Rest of Europe		New Zealand	
				Rest of Oceania	

Industry Sector		
Discrete <ul style="list-style-type: none"> Automotive Commercial HVACR Food, beverage, and tobacco machinery Machine tools Materials handling Packaging machinery Printing machinery Pulp and paper machinery Robotics Rubber and plastics machinery Semiconductors Textiles machinery Woodworking Other discrete industry sectors 	Process <ul style="list-style-type: none"> Cement, glass, and ceramics Chemicals Food and beverage Metals and mining Oil & gas Pharmaceuticals Power generation Pulp and paper Water & wastewater Other process industry sectors 	Non-industrial sector <ul style="list-style-type: none"> Agriculture Building automation and Video surveillance Gaming Medical Military and aerospace Point of sales / point of information Telecoms and datacoms Transportation and infrastructure
	Hybrid <ul style="list-style-type: none"> Battery manufacturing 	

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