

INDUSTRIAL AUTOMATION PRODUCT

IC695CPE330

PACSystems RX3i CPE330 Controller

Emerson IC695CPE330 is a PACSystems RX3i backplane controller with 64 MB user memory and embedded Gigabit Ethernet/PROFINET connectivity. It supports a broad set of industrial Ethernet protocols for machine and process control.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Emerson
System family	PACSystems RX3i
Part number	IC695CPE330
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install IC695CPE330 only in the documented PACSystems RX3i position. Preserve the as-found terminal, point and configuration records; then verify diagnostics and high-performance controller execution and industrial Ethernet communications under controlled conditions.

System Role and Architecture

Emerson IC695CPE330 is a PACSystems RX3i backplane controller with 64 MB user memory and embedded Gigabit Ethernet/PROFINET connectivity. It supports a broad set of industrial Ethernet protocols for machine and process control.

FUNCTION 1
Exact catalog identity IC695CPE330

FUNCTION 2
PACSystems RX3i CPE330 Controller

FUNCTION 3
Documented role: high-performance controller execution and industrial Ethernet communications

FUNCTION 4
Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES

1 General Electric DS200SLCCG3AFG

2 General Electric IC670MDL640J

3 General Electric IC693MDL741G

4 General Electric IC670MDL641

5 General Electric IC670MDL642

6 General Electric IC670MDL643

7 General Electric IC670MDL644

8 General Electric IC670MDL730

9 General Electric IC670MDL740

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	PACSystems RX3i
02	Matched RX3i backplane, carrier or terminal block
03	Documented field wiring, commons, shields and point map
04	Approved controller project and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	PACSystems RX3i
Interface role	high-performance controller execution and industrial Ethernet communications
Field / power context	documented PACSystems RX3i backplane or distributed-I/O position
Commissioning evidence	Identity, electrical interfaces, configuration, diagnostics and controlled functional response recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete IC695CPE330 marking, module designation and documented RX3i installation position.
- 2
- Place the controller, machine and connected process in the approved maintenance state.
- 3
- Isolate controller and field power, prove the safe state and apply ESD controls before handling.
- 4
- Record the slot, terminal block, every point assignment, common, shield and connected circuit before removal.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Form factor	Backplane	Ethernet protocols	SRTP, Modbus TCP/IP, OPC UA, EGD, PROFINET, DNP3,
User memory	64 MB	USB interface	USB-A 2.0
Discrete I/O capacity	32K bits	Operating temperature	0 to 60 °C
Analog I/O capacity	32K words	Backplane power	24 VDC, 750 mA / 18 W
Ethernet ports	3 Gigabit ports		

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ENGINEERING BOUNDARY

Confirm IC695CPE330, the complete RX3i host, hardware revision, slot, terminal block, field power, wiring, grounding, shielding, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete IC695CPE330 marking, module designation and documented RX3i installation position.
- 2

Place the controller, machine and connected process in the approved maintenance state.
- 3

Isolate controller and field power, prove the safe state and apply ESD controls before handling.
- 4

Record the slot, terminal block, every point assignment, common, shield and connected circuit before removal.

Applications and Engineering Context

PACSystems RX3i planned maintenance

Restores high-performance controller execution and industrial Ethernet communications in the documented control architecture.

PACSystems RX3i CPE330 Controller replacement

Uses exact IC695CPE330 identity instead of an adjacent I/O or CPU execution.

Control-system refurbishment

Preserves the installed slot, terminal block, point map, power and engineering configuration.

Controlled recommissioning

Confirms diagnostics and the affected signal or control function before automatic operation.

TECHNICAL NOTE

Install IC695CPE330 only in the documented PACSystems RX3i position. Preserve the as-found terminal, point and configuration records; then verify diagnostics and high-performance controller execution and industrial Ethernet communications under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	IC695CPE330 recorded
Host / carrier	PACSystems RX3i
Physical interface	Installed terminal assembly, field power and point assignments matched to the as-found record
Configuration	Approved hardware, firmware and engineering configuration restored
Functional proof	Controlled test confirms high-performance controller execution and industrial Ethernet communications

IMPORTANT NOTICE

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Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

General Electric DS200SLCCG3AFG

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MANUFACTURER SOURCE RECORD

Emerson PACSystems RX3i CPE330 product record and RX3i System Manual | Emerson official product and PACSystems documentation, accessed 24 September 2026

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.