

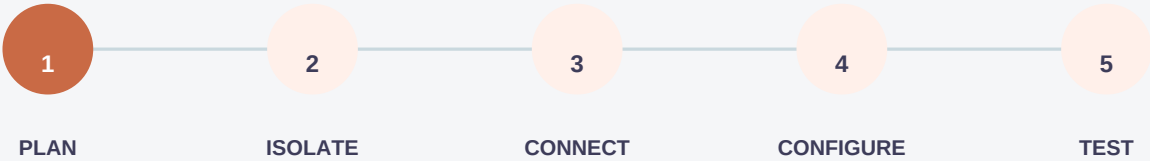
IC695CPE330

PACSystems RX3i CPE330 Controller

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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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC695CPE330
Manufacturer	Emerson
System family	PACSystems RX3i
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 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.
- 5

Verify the official electrical and configuration values documented for IC695CPE330; do not infer adjacent catalog executions.

MATCHED HARDWARE

- IC695CPE330 with complete catalog identity
- Matched RX3i backplane or carrier
- Documented terminal block and field interfaces
- Approved project, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC695CPE330 recorded
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

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Form factor	Backplane
User memory	64 MB
Discrete I/O capacity	32K bits
Analog I/O capacity	32K words
Ethernet ports	3 Gigabit ports
Ethernet protocols	SRTP, Modbus TCP/IP, OPC UA, EGD, PROFINET, DNP3, IEC 61850 and IEC 104
USB interface	USB-A 2.0
Operating temperature	0 to 60 °C
Backplane power	24 VDC, 750 mA / 18 W

RELATED PRODUCT PAGES

1 General Electric IC670MDL641

2 General Electric IC670MDL642

3 General Electric IC670MDL643

4 General Electric IC670MDL644

5 General Electric IC670MDL730

6 General Electric IC670MDL740

7 General Electric DS200SLCCG3AFG

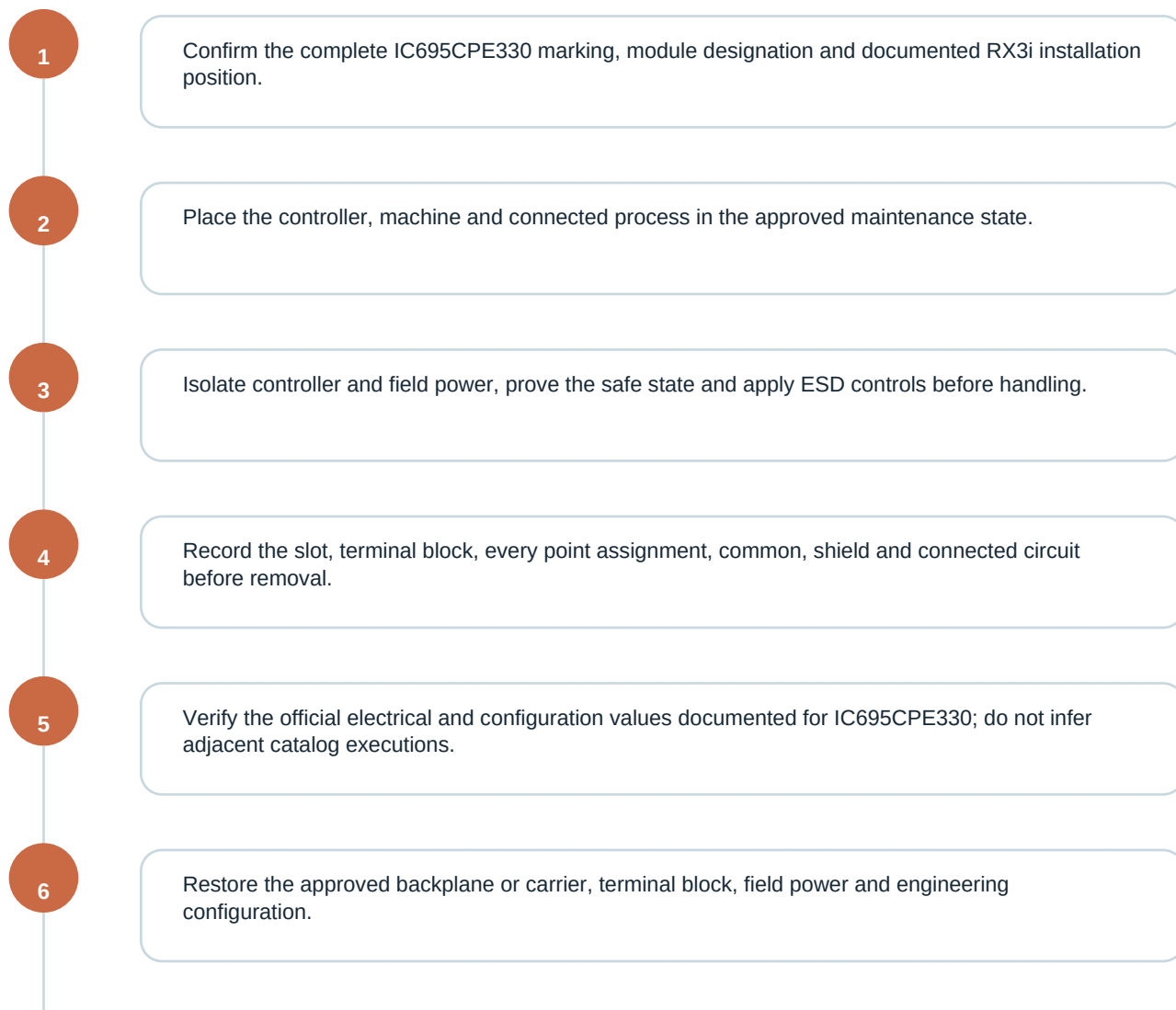
8 General Electric IC670MDL640J

9 General Electric IC693MDL741G

FIELD NOTE

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

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC695CPE330
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

04 RETURN-TO-SERVICE RECORD

- ☐
- Verify the official electrical and configuration values documented for IC695CPE330; do not infer adjacent catalog executions.
- ☐
- Restore the approved backplane or carrier, terminal block, field power and engineering configuration.
- ☐
- Energize in the manufacturer sequence and review CPU, bus, module and channel diagnostics.
- ☐
- Complete a controlled signal, output or controller-response test before service release.

VERIFICATION RECORD

PRODUCT IDENTITY	IC695CPE330
INSTALLED POSITION	Documented PACSystems RX3i slot or distributed-I/O carrier position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐
- Verify the official electrical and configuration values documented for IC695CPE330; do not infer adjacent catalog executions.
- ☐
- Restore the approved backplane or carrier, terminal block, field power and engineering configuration.
- ☐
- Energize in the manufacturer sequence and review CPU, bus, module and channel diagnostics.
- ☐
- Complete a controlled signal, output or controller-response test before service release.

SOURCE IDENTIFIERS

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