Emerson IC695CPE400

01 Archive the running project

Place the control application in the approved service condition and identify the project used by the running CPU. Preserve the application, hardware configuration and network assignments before disconnecting or replacing the controller.

Keep an offline copy of the application together with the CPU firmware identification and communication settings. Confirm that the saved project can be opened with the intended engineering tool before replacing the running controller.

Record to retain	Archive the running project
Circuit or system boundary	PACSystems RX3i rackless control

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02 Prepare the enclosure and supply

Provide the required protected industrial environment and a listed SELV DC source. Check conductor termination and the specified connector torque with power isolated.

Inspect the supply connection and protective enclosure against the installation requirements. Measure DC voltage at the controller terminals during startup, rather than accepting only the nominal rating printed on the power supply.

Record to retain	Prepare the enclosure and supply
Circuit or system boundary	PACSystems RX3i rackless control

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03 Reconcile the CPU release

Compare the target CPU definition with its actual firmware. Resolve unsupported instructions or network features before downloading the project.

Compare each required project feature with the installed firmware release. Resolve a release-dependent discrepancy before downloading the application; a successful hardware connection alone does not establish that all configured functions are available.

Record to retain	Reconcile the CPU release
Circuit or system boundary	PACSystems RX3i rackless control

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04 Restore controlled communications

Reconnect each network to its assigned role. Test addressing and I/O ownership with output actuation inhibited until the intended controller owns the correct devices.

Restore networks one controlled segment at a time and confirm the expected devices and data paths. Record unintended address conflicts or missing I/O separately from application execution faults so troubleshooting follows the correct boundary.

Record to retain	Restore controlled communications
Circuit or system boundary	PACSystems RX3i rackless control

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05 Test shutdown and recovery

Check the compatible energy-storage arrangement, orderly restart and retained application. Perform approved power-loss tests only after the process has been placed in a safe maintenance state.

Test the site-approved recovery sequence with the intended energy-storage arrangement connected. Record the application state and network recovery after power restoration; release only when that behavior agrees with the required operating procedure.

Technical basis: Emerson PACSystems RX3i CPE400 Important Product Information, GFK-3003AF; installation requirements GFK-3004C.

Related product navigation

- Emerson IC694MDL645
- Emerson IC695MDL664

These are related references, not confirmed substitutes or an automatically approved assembly.