

IC698CRE030

PACSystems RX7i 600 MHz redundant CPU

CONTROLLED ENGINEERING COPY

Back up the project, record primary/secondary roles, Ethernet and serial settings, battery state and firmware, then prove synchronization before switchover.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC698CRE030
Manufacturer part	IC698CRE030
Hardware type	Pentium M at 600 MHz
System family	GE PACSystems RX7i redundancy control



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete IC698CRE030 marking and its assigned GE PACSystems RX7i redundancy control position before work.
- 2

Place the connected hot-standby process control process in the approved maintenance state.
- 3

Isolate applicable power and redundant plc execution, ethernet data and serial communications field energy before disconnecting conductors.
- 4

Record connector, conductor, address, firmware and software identities before removal.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- RX7i VME64 rack
- redundancy partner CPU
- compatible redundancy links
- Proficy Machine Edition project

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC698CRE030 / IC698CRE030 recorded
Physical interface	RX7i VME64 rack
Companion check	redundancy partner CPU
Functional proof	Uses a 600 MHz Pentium M processor
Application test	Hot-standby process control

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Processor	Pentium M at 600 MHz
User memory	64 MB battery-backed RAM
Flash user memory	64 MB nonvolatile
Ethernet	Embedded 10/100 Mbit/s
Serial ports	3
Serial protocols	Modbus RTU slave; SNP; Serial I/O
Program blocks	Up to 512
Operating temperature	0 to 50 degC without fan; 0 to 60 degC with fan tray

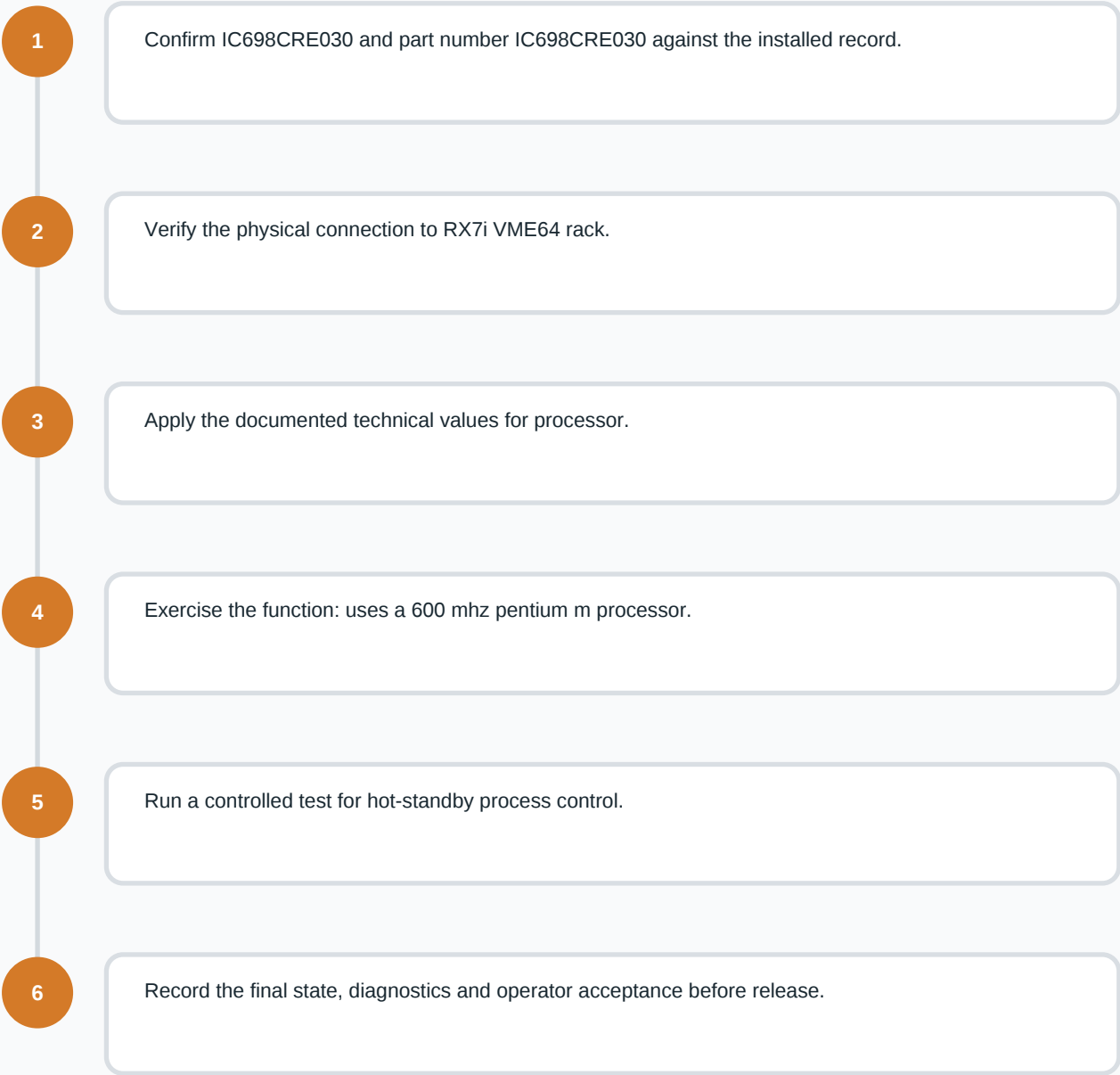
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	RX7i VME64 rack
Companion hardware	redundancy partner CPU
Field connection	compatible redundancy links
Primary system function	Uses a 600 MHz Pentium M processor
Controlled acceptance duty	Hot-standby process control

FIELD NOTE

Back up the project, record primary/secondary roles, Ethernet and serial settings, battery state and firmware, then prove synchronization before switchover.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC698CRE030 / IC698CRE030 recorded
Physical interface	RX7i VME64 rack
Companion check	redundancy partner CPU
Functional proof	Uses a 600 MHz Pentium M processor
Application test	Hot-standby process control

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed RX7i VME64 rack and redundancy partner CPU against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended high-capacity rx7i logic function and retain the final test result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	IC698CRE030
INSTALLED POSITION	Documented GE PACSystems RX7i redundancy control position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330854-080-25-00	Related industrial automation product	View Bently Nevada 330854-080-25-00 page
Bently Nevada 330105-02-12-15-12-CN	Related industrial automation product	View Bently Nevada 330105-02-12-15-12-CN page
Emerson KJ3003X1-EA1	Related industrial automation product	View Emerson KJ3003X1-EA1 page
Bently Nevada 330101-00-19-10-02-00	Related industrial automation product	View Bently Nevada 330101-00-19-10-02-00 page
Bently Nevada 330104-10-20-05-02-00	Related industrial automation product	View Bently Nevada 330104-10-20-05-02-00 page
Emerson WSNF8327B002	Related industrial automation product	View Emerson WSNF8327B002 page
Emerson WSNF8327A321MO	Related industrial automation product	View Emerson WSNF8327A321MO page
Emerson WSNF8551A409MO	Related industrial automation product	View Emerson WSNF8551A409MO page

SOURCE IDENTIFIERS

GE Fanuc PACSystems RX7i CPU documentation
GFK-2222; GFK-2223; GFK-2741

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