

IC697CHS790

Series 90-70 9-slot rear-mount rack

CONTROLLED ENGINEERING COPY

Install IC697CHS790 against the approved cabinet drawing, identify every slot before module insertion and verify the rack address and expansion interconnect during commissioning.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697CHS790
Manufacturer part	IC697CHS790
Hardware type	Series 90-70
System family	Series 90-70 PLC racks



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01 PRE-INSTALLATION PLAN

- 1

Verify the IC697CHS790 rack marking and nine-slot layout before disassembly.
- 2

Place the PLC station in the approved maintenance state and isolate rack power.
- 3

Check rear-mount hardware and cabinet clearances before fastening the rack.
- 4

Record the CPU, power supply, I/O and communication module slot assignments.
- 5

Protect the backplane connector from contamination and mechanical shock.

MATCHED HARDWARE

- Series 90-70 power supply
- Series 90-70 CPU or communication module
- Series 90-70 I/O modules
- Cabinet rear-mount hardware

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC697CHS790 / IC697CHS790 recorded
Physical interface	Series 90-70 power supply
Companion check	Series 90-70 CPU or communication module
Functional proof	Provides the backplane positions for Series 90-70 controller and I/O modules
Application test	Series 90-70 main control racks

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
PLC platform	Series 90-70
Rack format	9-slot
Mounting style	Rear mount
Rack role	Main or expansion rack
Backplane	Series 90-70 PLC backplane
Power interface	Rack power-supply position
Module placement	Controller and I/O slots

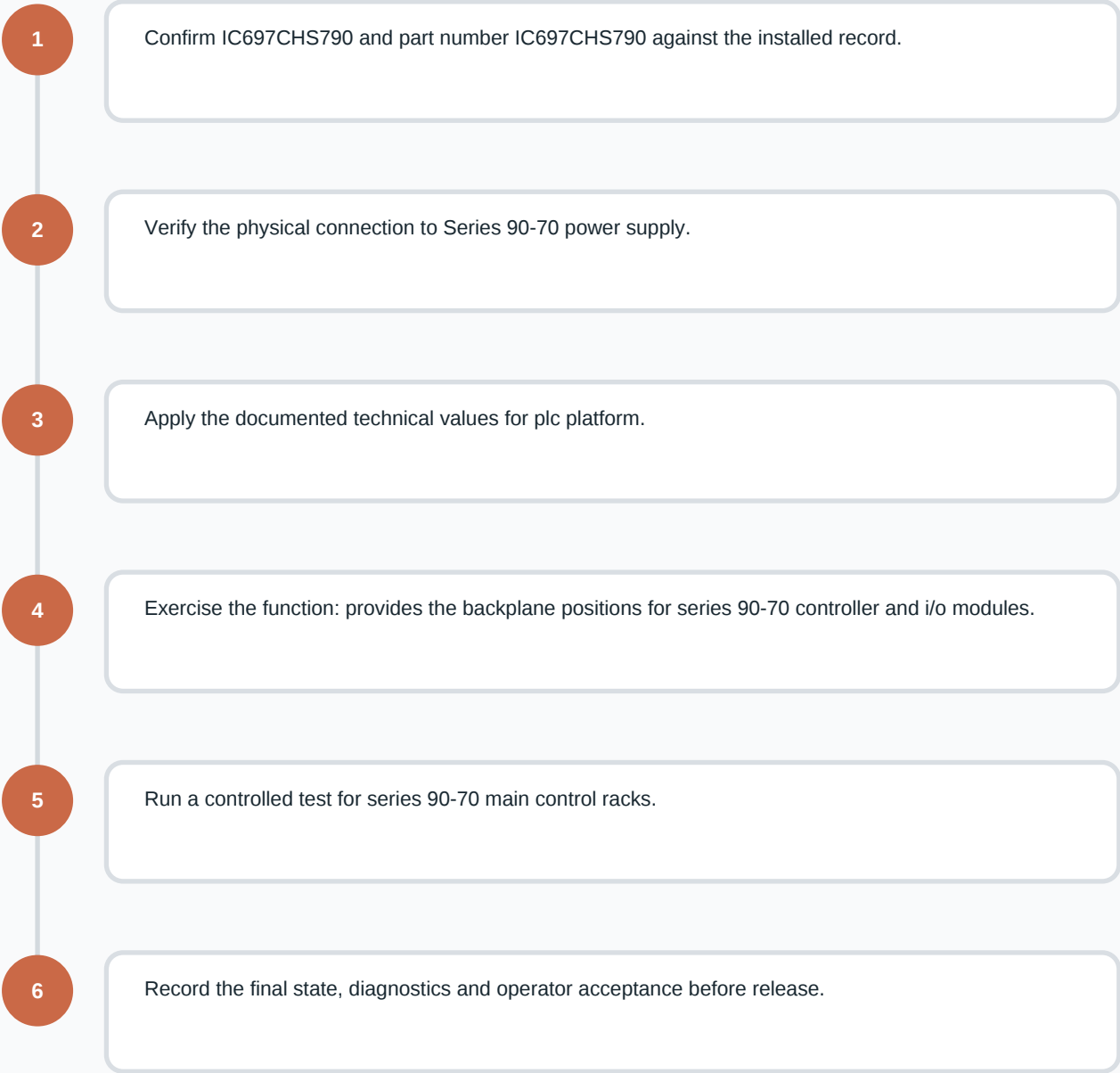
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Series 90-70 power supply
Companion hardware	Series 90-70 CPU or communication module
Field connection	Series 90-70 I/O modules
Primary system function	Provides the backplane positions for Series 90-70 controller and I/O modules
Controlled acceptance duty	Series 90-70 main control racks

FIELD NOTE

Install IC697CHS790 against the approved cabinet drawing, identify every slot before module insertion and verify the rack address and expansion interconnect during commissioning.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC697CHS790 / IC697CHS790 recorded
Physical interface	Series 90-70 power supply
Companion check	Series 90-70 CPU or communication module
Functional proof	Provides the backplane positions for Series 90-70 controller and I/O modules
Application test	Series 90-70 main control racks

04 RETURN-TO-SERVICE RECORD

- ☐ Use ESD controls while handling the rack and module edge connectors.
- ☐ Confirm expansion cables and rack identifiers before reconnecting the station.
- ☐ Power up in a controlled sequence and validate rack recognition and I/O diagnostics.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN

DATE

CABINET / POSITION

FINAL DIAGNOSTIC STATE

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
IC698PSA350	PACSystems RX7i power supply	View IC698PSA350 page
IC697CMM742	Series 90-70 TCP/IP Ethernet interface	View IC697CMM742 page
IC693CHS397	Series 90-30 five-slot baseplate	View IC693CHS397 page
IC693ALG391	Series 90-30 analog output	View IC693ALG391 page
IC695CPE305	PACSystems RX3i CPE305 controller	View IC695CPE305 page
IC695CHS016	PACSystems RX3i 16-slot universal backplane	View IC695CHS016 page
IS200TRLYH1BED	GE relay output interface board	View IS200TRLYH1BED page
MIVII3000E00HI00	GE MIV II voltage and frequency relay	View MIVII3000E00HI00 page

SOURCE IDENTIFIERS

GE Fanuc Series 90-70 Programmable Controller Data Sheet Manual
GFK-0600

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