

IC693CHS397

Series 90-30 5-slot modular CPU baseplate

CONTROLLED ENGINEERING COPY

Install IC693CHS397 with the power supply and CPU in their documented positions, preserve slot order and verify the expansion-bus connection before loading the Series 90-30 project.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC693CHS397
Manufacturer part	IC693CHS397
Hardware type	Series 90-30
System family	Series 90-30 PLC baseplates



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01 PRE-INSTALLATION PLAN

- 1

Verify the IC693CHS397 baseplate marking and five-slot layout before removal.
- 2

Isolate the Series 90-30 station supply and connected field energy before handling the baseplate.
- 3

Record the CPU in slot 1 and every non-CPU module in slots 2 through 5.
- 4

Protect the backplane and expansion connector from impact, dust and conductive debris.
- 5

Use ESD controls when moving the baseplate or installing modules.

MATCHED HARDWARE

- Series 90-30 power supply
- Series 90-30 CPU in slot 1
- Up to four non-CPU modules
- I/O bus expansion cable or connector

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC693CHS397 / IC693CHS397 recorded
Physical interface	Series 90-30 power supply
Companion check	Series 90-30 CPU in slot 1
Functional proof	Provides the CPU and I/O positions for a Series 90-30 modular station
Application test	Compact Series 90-30 CPU stations

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
PLC platform	Series 90-30
Baseplate format	5-slot modular CPU baseplate
CPU position	Slot 1
Non-CPU positions	Slots 2 to 5
Expansion interface	I/O bus expansion connector
Mounting role	CPU baseplate
Backplane	Series 90-30 modular backplane

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Series 90-30 power supply
Companion hardware	Series 90-30 CPU in slot 1
Field connection	Up to four non-CPU modules
Primary system function	Provides the CPU and I/O positions for a Series 90-30 modular station
Controlled acceptance duty	Compact Series 90-30 CPU stations

FIELD NOTE

Install IC693CHS397 with the power supply and CPU in their documented positions, preserve slot order and verify the expansion-bus connection before loading the Series 90-30 project.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC693CHS397 / IC693CHS397 recorded
Physical interface	Series 90-30 power supply
Companion check	Series 90-30 CPU in slot 1
Functional proof	Provides the CPU and I/O positions for a Series 90-30 modular station
Application test	Compact Series 90-30 CPU stations

04 RETURN-TO-SERVICE RECORD

- ☐ Confirm the power-supply interface and cabinet mounting points match the approved layout.
- ☐ Reconnect any expansion-bus cable with the station unpowered and the connector fully seated.
- ☐ Power up in a controlled sequence and validate CPU recognition and all configured 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
IC697CHS790	Series 90-70 nine-slot rack	View IC697CHS790 page
IC697CMM742	Series 90-70 TCP/IP Ethernet interface	View IC697CMM742 page
IC200MDL241	VersaMax 16-point discrete input	View IC200MDL241 page
IC695CHS016	PACSystems RX3i 16-slot universal backplane	View IC695CHS016 page
IC693CMM321	Series 90-30 TCP/IP Ethernet interface	View IC693CMM321 page
MIVII3000E00HI00	GE MIV II voltage and frequency relay	View MIVII3000E00HI00 page
IS215VPROH1BD	GE VPRO turbine protection board	View IS215VPROH1BD page

SOURCE IDENTIFIERS

GE Fanuc Series 90-30 PLC Installation and Hardware Manual
GFK-0356

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