

IC693CHS397

Series 90-30 5-slot modular CPU baseplate

GE IC693CHS397 is a Series 90-30 five-slot modular CPU baseplate. It establishes the CPU slot, four non-CPU module positions and the backplane connection for a compact PLC station.

PRODUCT SNAPSHOT

BRAND

GE

FAMILY

Series 90-30 PLC baseplates

PART

IC693CHS397

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PRODUCT OVERVIEW

GE IC693CHS397 is a Series 90-30 five-slot modular CPU baseplate. It establishes the CPU slot, four non-CPU module positions and the backplane connection for a compact PLC station.

1

Provides the CPU and I/O positions for a Series 90-30 modular station

2

Distributes the backplane interconnect between the power supply, CPU and I/O modules

3

Reserves slot 1 for the CPU and four positions for non-CPU modules

4

Provides the expansion-bus interface used by an approved Series 90-30 layout

SYSTEM COMPONENTS

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

TECHNICAL DATA

PARAMETER	VALUE
PLC platform	Series 90-30
Baseplate format	5-slot modular CPU baseplate
CPU position	Slot 1
Non-CPU positions	Slots 2 to 5

PARAMETER	VALUE
Expansion interface	I/O bus expansion connector
Mounting role	CPU baseplate
Backplane	Series 90-30 modular backplane

SYSTEM CONNECTION AND ACCEPTANCE RECORD

RECORD 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

TECHNICAL 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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Compact Series 90-30 CPU stations

Provides the CPU and I/O positions for a Series 90-30 modular station

Machine-control panel retrofits

Distributes the backplane interconnect between the power supply, CPU and I/O modules

Local I/O concentration

Reserves slot 1 for the CPU and four positions for non-CPU modules

Series 90-30 expansion-bus planning

Provides the expansion-bus interface used by an approved Series 90-30 layout

PRODUCT PRECAUTIONS

- 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.
- 6 Confirm the power-supply interface and cabinet mounting points match the approved layout.
- 7 Reconnect any expansion-bus cable with the station unpowered and the connector fully seated.
- 8 Power up in a controlled sequence and validate CPU recognition and all configured I/O diagnostics.

ENGINEER FAQ

Q1 Does IC693CHS397 match Series 90-30 power supply in a Compact Series 90-30 CPU stations installation?

Verify the complete IC693CHS397 marking, the documented Series 90-30 PLC baseplates position and the installed Series 90-30 power supply before fitting the assembly.

Q2 How should IC693CHS397 be wired when it must provides the cpu and i/o positions for a series 90-30 modular station?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for IC693CHS397; then continuity-test the affected path.

Q3 Which Series 90-30 PLC baseplates records should be captured before removing IC693CHS397?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with IC693CHS397 before disconnection.

Q4 What controlled test confirms that IC693CHS397 can distributes the backplane interconnect between the power supply, cpu and i/o modules?

Apply the approved field or simulated stimulus, observe the Series 90-30 PLC baseplates indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which Series 90-30 CPU in slot 1 condition should be checked when IC693CHS397 reports an abnormal state?

Check the Series 90-30 CPU in slot 1 supply, seating and connection first, then compare channel diagnostics with the recorded IC693CHS397 baseline.

Q6 Can IC693CHS397 be moved directly into Machine-control panel retrofits without validating I/O bus expansion cable or connector?

No. Confirm the I/O bus expansion cable or connector, revision, connection scheme and Series 90-30 PLC baseplates configuration before transferring IC693CHS397 to that duty.

Q7 What maintenance evidence is required after IC693CHS397 is used for Local I/O concentration?

Retain the nameplate record, corrective action, final diagnostics and a controlled local i/o concentration functional-test result for IC693CHS397.

Q8 How should IC693CHS397 be returned to service in Series 90-30 expansion-bus planning?

Restore power under control, verify reserves slot 1 for the cpu and four positions for non-cpu modules, exercise the intended signal path and release IC693CHS397 only after the Series 90-30 PLC baseplates remains in its approved operating state.

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

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