

IC697CHS790

Series 90-70 9-slot rear-mount rack

GE IC697CHS790 is a Series 90-70 nine-slot rear-mount rack. It provides the backplane and module positions used to assemble a Series 90-70 PLC station.

PRODUCT SNAPSHOT

BRAND

GE

FAMILY

Series 90-70 PLC racks

PART

IC697CHS790

ORIGIN / HS

USA / 8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

GE IC697CHS790 is a Series 90-70 nine-slot rear-mount rack. It provides the backplane and module positions used to assemble a Series 90-70 PLC station.

1

Provides the backplane positions for Series 90-70 controller and I/O modules

2

Maintains the electrical interconnection between the rack supply and installed modules

3

Supports engineered main-rack or expansion-rack layouts

4

Defines a repeatable rear-mount cabinet interface for legacy PLC systems

SYSTEM COMPONENTS

Series 90-70 power supply

Series 90-70 CPU or communication module

Series 90-70 I/O modules

Cabinet rear-mount hardware

TECHNICAL DATA

PARAMETER	VALUE
PLC platform	Series 90-70
Rack format	9-slot
Mounting style	Rear mount
Rack role	Main or expansion rack

PARAMETER	VALUE
Backplane	Series 90-70 PLC backplane
Power interface	Rack power-supply position
Module placement	Controller and I/O slots

SYSTEM CONNECTION AND ACCEPTANCE RECORD

RECORD 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

TECHNICAL NOTE

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

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Series 90-70 main control racks

Provides the backplane positions for Series 90-70 controller and I/O modules

Remote or expansion rack assemblies

Maintains the electrical interconnection between the rack supply and installed modules

Legacy process-control cabinet service

Supports engineered main-rack or expansion-rack layouts

PLC rack migration surveys

Defines a repeatable rear-mount cabinet interface for legacy PLC systems

PRODUCT PRECAUTIONS

- 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.
- 6 Use ESD controls while handling the rack and module edge connectors.
- 7 Confirm expansion cables and rack identifiers before reconnecting the station.
- 8 Power up in a controlled sequence and validate rack recognition and I/O diagnostics.

ENGINEER FAQ

Q1 Does IC697CHS790 match Series 90-70 power supply in a Series 90-70 main control racks installation?

Verify the complete IC697CHS790 marking, the documented Series 90-70 PLC racks position and the installed Series 90-70 power supply before fitting the assembly.

Q2 How should IC697CHS790 be wired when it must provides the backplane positions for series 90-70 controller and i/o modules?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for IC697CHS790; then continuity-test the affected path.

Q3 Which Series 90-70 PLC racks records should be captured before removing IC697CHS790?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with IC697CHS790 before disconnection.

Q4 What controlled test confirms that IC697CHS790 can maintains the electrical interconnection between the rack supply and installed modules?

Apply the approved field or simulated stimulus, observe the Series 90-70 PLC racks indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which Series 90-70 CPU or communication module condition should be checked when IC697CHS790 reports an abnormal state?

Check the Series 90-70 CPU or communication module supply, seating and connection first, then compare channel diagnostics with the recorded IC697CHS790 baseline.

Q6 Can IC697CHS790 be moved directly into Remote or expansion rack assemblies without validating Cabinet rear-mount hardware?

No. Confirm the Cabinet rear-mount hardware, revision, connection scheme and Series 90-70 PLC racks configuration before transferring IC697CHS790 to that duty.

Q7 What maintenance evidence is required after IC697CHS790 is used for Legacy process-control cabinet service?

Retain the nameplate record, corrective action, final diagnostics and a controlled legacy process-control cabinet service functional-test result for IC697CHS790.

Q8 How should IC697CHS790 be returned to service in PLC rack migration surveys?

Restore power under control, verify supports engineered main-rack or expansion-rack layouts, exercise the intended signal path and release IC697CHS790 only after the Series 90-70 PLC racks remains in its approved operating state.

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

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com