

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	GE
System family	Series 90-70 PLC racks
Part number	IC697CHS790
Country	USA
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named GE product record.

PARAMETER	TECHNICAL 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

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED 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

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System Role and Architecture

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.

FUNCTION 1

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

FUNCTION 2

Maintains the electrical interconnection between the rack supply and installed modules

FUNCTION 3

Supports engineered main-rack or expansion-rack layouts

FUNCTION 4

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

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
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

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Applications and Engineering Context

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

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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

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Engineering 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.

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
IS200TRL1YH1BED	GE relay output interface board	View IS200TRL1YH1BED page
MIVII3000E00HI00	GE MIV II voltage and frequency relay	View MIVII3000E00HI00 page

MANUFACTURER SOURCE RECORD

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

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