

IC697CPX772

Series 90-70 96 MHz CPU with 512 KB memory

CONTROLLED ENGINEERING COPY

Back up the CPU program and configuration, record serial-port settings and battery condition, and validate I/O tables after controlled restart.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697CPX772
Manufacturer part	IC697CPX772
Hardware type	80486DX4 at 96 MHz
System family	GE Fanuc Series 90-70 PLC



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



01 PRE-INSTALLATION PLAN

- 1

Verify the complete IC697CPX772 marking and its assigned GE Fanuc Series 90-70 PLC position before work.
- 2

Place the connected large machine sequence control process in the approved maintenance state.
- 3

Isolate applicable power and plc program execution, discrete/analog i/o and serial communications field energy before disconnecting conductors.
- 4

Record connector, conductor, address, firmware and software identities before removal.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- IC697 PLC rack
- IC697 and Genius I/O
- CPU battery
- Logicmaster or compatible programming software

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC697CPX772 / IC697CPX772 recorded
Physical interface	IC697 PLC rack
Companion check	IC697 and Genius I/O
Functional proof	Uses a ninety-six-megahertz 80486DX4 processor
Application test	Large machine sequence control

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Processor	80486DX4 at 96 MHz
User memory	512 KB battery-backed RAM
Flash memory	256 KB nonvolatile
Boolean execution	0.4 us per Boolean function
Discrete I/O	Up to 2,048 points
Analog I/O	Up to 8,000 words
Serial ports	3
Rack occupancy	1 slot

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	IC697 PLC rack
Companion hardware	IC697 and Genius I/O
Field connection	CPU battery
Primary system function	Uses a ninety-six-megahertz 80486DX4 processor
Controlled acceptance duty	Large machine sequence control

FIELD NOTE

Back up the CPU program and configuration, record serial-port settings and battery condition, and validate I/O tables after controlled restart.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC697CPX772 / IC697CPX772 recorded
Physical interface	IC697 PLC rack
Companion check	IC697 and Genius I/O
Functional proof	Uses a ninety-six-megahertz 80486DX4 processor
Application test	Large machine sequence control

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed IC697 PLC rack and IC697 and Genius I/O against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended genius distributed i/o coordination function and retain the final test result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	IC697CPX772
INSTALLED POSITION	Documented GE Fanuc Series 90-70 PLC position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330881-28-05-050-03-02	Related industrial automation product	View Bently Nevada 330881-28-05-050-03-02 page
Bently Nevada 21504-00-48-10-02	Related industrial automation product	View Bently Nevada 21504-00-48-10-02 page
ABB 3HAC043569-004	Related industrial automation product	View ABB 3HAC043569-004 page
Bently Nevada 129525-0050-02	Related industrial automation product	View Bently Nevada 129525-0050-02 page
Bently Nevada 102044-00-32-10-02	Related industrial automation product	View Bently Nevada 102044-00-32-10-02 page
Bently Nevada 21000-11-05-00-085-03-02	Related industrial automation product	View Bently Nevada 21000-11-05-00-085-03-02 page
Bently Nevada 21000-15-10-00-166-03-02	Related industrial automation product	View Bently Nevada 21000-15-10-00-166-03-02 page
Bently Nevada 21000-28-05-00-070-01-02	Related industrial automation product	View Bently Nevada 21000-28-05-00-070-01-02 page

SOURCE IDENTIFIERS

GE Fanuc Series 90-70 CPU data sheet
GFK-1429; GFK-0600

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