

Installation Identity and Scope

GE IC697CPX782 is a Series 90-70 PLC CPU module with user flash memory and three serial communication ports. Manufacturer product information for releases 8.00 and 8.10 defines the compatible programming software, firmware behavior and companion-module requirements.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697CPX782
Manufacturer	GE
Hardware type	Series 90-70 CPU Module
System family	Series 90-70
Official source	GFK-1432E/G, CPX782 releases 8.00 and 8.10

CONTROLLED ENGINEERING COPY

Use only the complete GE IC697CPX782 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

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IC697CPX782

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete IC697CPX782 suffix and firmware release.
2	Back up logic, hardware configuration, reference data and user flash contents.
3	Confirm the installed programming-software version supports the CPU release.
4	Record all serial-port parameters before removal.
5	Check PCM and CMM companion-module revision compatibility.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	IC697CPX782
Physical interface	Exact GE IC697CPX782 nameplate and installed revision
Companion check	Documented Series 90-70 CPU Module system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric 531X111PSHARG1	View General Electric 531X111PSHARG1
General Electric 8021-CE-LH	View General Electric 8021-CE-LH
General Electric 8810-HI-TX-01	View General Electric 8810-HI-TX-01
General Electric 8811-IO-DC	View General Electric 8811-IO-DC
General Electric 8851-LC-MT	View General Electric 8851-LC-MT

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record GE IC697CPX782 and the installed revision exactly.
Controller family	Verify the documented value: Series 90-70.
Module type	Verify the documented value: PLC CPU module.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete Series 90-70 CPU Module function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use only the complete GE IC697CPX782 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

Expected Technical Values

PARAMETER	VALUE
Controller family	Series 90-70
Module type	PLC CPU module
Documented releases	Firmware 8.00 and 8.10 product information
Serial interfaces	Ports 1 and 2 plus the standard programmer port

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric DS200TCEAG1BSF	View General Electric DS200TCEAG1BSF
General Electric IC600BF843	View General Electric IC600BF843

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete IC697CPX782 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is GE IC697CPX782?	It is a Series 90-70 PLC CPU module covered by the GFK-1432 release-specific product information.
Which GE IC697CPX782 firmware releases are documented by GFK-1432E/G?	Those revisions cover releases 8.00 and 8.10, including release-specific compatibility and operating notes.
What can GE IC697CPX782 user flash store?	The product information identifies program logic, configuration data, reference tables, passwords and the OEM key.
Which programming software is cited for GE IC697CPX782 release 8.00?	Windows programming software 2.2 or later and IC697 MS-DOS software 7.02 or later are cited.

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC693ALG391	View General Electric IC693ALG391
General Electric IC693ALG391G	View General Electric IC693ALG391G
General Electric IC693CMM321-KM	View General Electric IC693CMM321-KM
General Electric IC693MDL742	View General Electric IC693MDL742
General Electric IC694ALG221A	View General Electric IC694ALG221A

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Why must GE IC697CPX782 PCM and CMM revisions be checked?	Older companion modules can have compatibility or performance issues with the CPX CPU timing and memory features.
What must be backed up before replacing GE IC697CPX782?	Back up logic, configuration, reference data, flash contents, passwords and every serial-port setting.
What confirms successful commissioning of GE IC697CPX782?	Normal CPU status, verified flash contents, stable communications and a controlled I/O/function test confirm release.

MANUFACTURER SOURCE RECORDS

GE Fanuc IC697CPX782 Important Product Information - GFK-1432E/G, CPX782 releases 8.00 and 8.10
GE Fanuc IC697CPX782 Data Sheet - GFK-1431

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	IC697CPX782 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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