

Installation Identity and Scope

GE IC697CPU731 is a single-slot 12 MHz Series 90-70 CPU with 32K battery-backed CMOS memory. It supports documented discrete and analog I/O through the Series 90-70 VME rack system.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697CPU731
Manufacturer	GE
Hardware type	Series 90-70 12 MHz CPU
System family	Series 90-70
Official source	GFK-0159J, IC697CPU731 features and specifications

CONTROLLED ENGINEERING COPY

Use only the complete GE IC697CPU731 identity and the current manufacturer publication. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

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IC697CPU731

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete GE IC697CPU731 marking and installed revision.
2	Confirm the documented Series 90-70 rack position and compatible companion hardware.
3	Back up the approved controller, network or channel configuration before removal.
4	De-energize the system and follow the current manufacturer service procedure before handling hardware.
5	Label every field, communication, common, shield and protective-ground connection.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	IC697CPU731
Physical interface	Exact GE IC697CPU731 nameplate and installed revision
Companion check	Documented Series 90-70 12 MHz CPU 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
GE IC694PWR321	View GE IC694PWR321
GE IC695NIU001-ADAD	View GE IC695NIU001-ADAD
GE HE693ADC415	View GE HE693ADC415
GE HE693SNP900	View GE HE693SNP900
GE HE693THM884G	View GE HE693THM884G

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record GE IC697CPU731 and the installed revision exactly.
Product family	Verify the documented value: Series 90-70.
Processor clock	Verify the documented value: 12 MHz.
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 12 MHz CPU function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use only the complete GE IC697CPU731 identity and the current manufacturer publication. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

Expected Technical Values

PARAMETER	VALUE
Product family	Series 90-70
Processor clock	12 MHz
Processor	80C186
User memory	32K battery-backed CMOS, fixed

Related Products on Apter Power

MODEL	APTER POWER PAGE
GE IC693ACC302B	View GE IC693ACC302B
GE IC693ALG223	View GE IC693ALG223

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete IC697CPU731 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 processor does GE IC697CPU731 use?	It uses a 12 MHz 80C186 processor.
How much user memory does GE IC697CPU731 provide?	It provides 32K of fixed battery-backed CMOS user memory.
How much discrete I/O can GE IC697CPU731 support?	The data sheet permits up to 512 inputs and outputs in any mix.
Where is GE IC697CPU731 installed?	It is a single-slot CPU installed in slot 1 of an IC697CHS rack.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 03839202	View Bently Nevada 03839202
Bently Nevada 102044-00-18-10-02-00	View Bently Nevada 102044-00-18-10-02-00
Bently Nevada 102044-00-32-10-02	View Bently Nevada 102044-00-32-10-02
Bently Nevada 102045-040-00	View Bently Nevada 102045-040-00
Bently Nevada 102045-040-01-05	View Bently Nevada 102045-040-01-05

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
How is GE IC697CPU731 configured?	It is software configured and has no DIP switches or configuration jumpers.
What must be recorded before replacing GE IC697CPU731?	Record the complete GE IC697CPU731 marking, installed revision, system position, connections and approved configuration before removal.
What confirms successful commissioning of GE IC697CPU731?	The exact GE IC697CPU731 identity, restored configuration, normal diagnostics and a controlled model-specific functional test must all agree with the approved record.

MANUFACTURER SOURCE RECORDS

GE Fanuc Series 90-70 CPU Data Sheet - GFK-0159J, IC697CPU731 features and specifications
GE Fanuc Series 90-70 CPU Data Sheet - GFK-0159J, IC697CPU731 features and specifications

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	IC697CPU731 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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