

Installation Identity and Scope

GE IC697ALG230 is an eight-channel high-level analog input base for the Series 90-70. It accepts individually configured voltage or current inputs and can support documented analog expander modules.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697ALG230
Manufacturer	GE
Hardware type	Series 90-70 High-Level Analog Input Base
System family	Series 90-70
Official source	GFK-0385H, IC697ALG230 base converter sections

CONTROLLED ENGINEERING COPY

Use only the complete GE IC697ALG230 identity and the current manufacturer publication. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

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IC697ALG230

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete GE IC697ALG230 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	IC697ALG230
Physical interface	Exact GE IC697ALG230 nameplate and installed revision
Companion check	Documented Series 90-70 High-Level Analog Input Base 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
Woodward 5437-2131	View Woodward 5437-2131
Woodward 5464-333	View Woodward 5464-333
Woodward 5464-334	View Woodward 5464-334
Woodward 5464-335	View Woodward 5464-335
Woodward 5464-337	View Woodward 5464-337

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record GE IC697ALG230 and the installed revision exactly.
Product family	Verify the documented value: Series 90-70.
Base channels	Verify the documented value: Eight differential analog inputs.
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 High-Level Analog Input Base function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use only the complete GE IC697ALG230 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
Base channels	Eight differential analog inputs
Input ranges	Plus or minus 10 V or 4 to 20 mA, configured by channel
Expansion capacity	Up to seven expander modules; up to 120 inputs in the documented subsystem

Related Products on Apter Power

MODEL	APTER POWER PAGE
Woodward 5464-643	View Woodward 5464-643
Woodward 5464-653	View Woodward 5464-653

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete IC697ALG230 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
How many base channels does GE IC697ALG230 provide?	It provides eight differential analog input channels on the base converter.
Which signal ranges does GE IC697ALG230 support?	Each channel can be configured for plus or minus 10 V or 4 to 20 mA.
How is a current input selected on GE IC697ALG230?	The documented jumper connects the internal 250 ohm load for current operation.
Can GE IC697ALG230 be expanded?	Yes. The official system description supports up to seven compatible expanders and up to 120 inputs.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Woodward 5464-654	View Woodward 5464-654
Woodward 5466-031	View Woodward 5466-031
Woodward 5466-348	View Woodward 5466-348
Woodward 5466-353	View Woodward 5466-353
Woodward 5466-354	View Woodward 5466-354

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Are GE IC697ALG230 channels isolated from one another?	No. The inputs are isolated from the VME backplane but not channel-to-channel.
What must be recorded before replacing GE IC697ALG230?	Record the complete GE IC697ALG230 marking, installed revision, system position, connections and approved configuration before removal.
What confirms successful commissioning of GE IC697ALG230?	The exact GE IC697ALG230 identity, restored configuration, normal diagnostics and a controlled model-specific functional test must all agree with the approved record.

MANUFACTURER SOURCE RECORDS

GE Intelligent Platforms Analog Input System, High Level, 16 Channels - GFK-0385H, IC697ALG230 base converter sections
GE Intelligent Platforms Analog Input System, High Level, 16 Channels - GFK-0385H, IC697ALG230 base converter sections

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	IC697ALG230 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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