

Installation Identity and Scope

GE IC200ALG240 is a VersaMax eight-channel isolated analog input module for voltage and current signals. It provides 16-bit conversion and 1500 VAC channel-group-to-system isolation as documented by Emerson.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC200ALG240
Manufacturer	GE
Hardware type	VersaMax Isolated Analog Input Module
System family	VersaMax
Official source	00813-0100-0112, IC200ALG240 ordering description

CONTROLLED ENGINEERING COPY

Use only the complete GE IC200ALG240 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

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IC200ALG240

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete IC200ALG240 marking and module revision.
2	Remove field and backplane power before insertion or removal.
3	Record all eight channel signal types, ranges and scaling values.
4	Preserve isolation, commons, shields and grounding exactly.
5	Use revision 1.20 or later where required for a Genius NIU application.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	IC200ALG240
Physical interface	Exact GE IC200ALG240 nameplate and installed revision
Companion check	Documented VersaMax Isolated Analog Input 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 IC200ALG240 and the installed revision exactly.
I/O family	Verify the documented value: VersaMax.
Module type	Verify the documented value: Isolated voltage/current analog input.
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 VersaMax Isolated Analog Input Module function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use only the complete GE IC200ALG240 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
I/O family	VersaMax
Module type	Isolated voltage/current analog input
Input channels	8
Conversion resolution	16 bit

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 IC200ALG240 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 IC200ALG240?	It is an eight-channel isolated VersaMax voltage/current analog input module.
What conversion resolution does GE IC200ALG240 use?	The official VersaMax data identifies 16-bit conversion.
What isolation is documented for GE IC200ALG240?	The module description specifies 1500 VAC isolation.
Which GE IC200ALG240 firmware is recommended on a Genius NIU?	Emerson recommends revision 1.20 or later for the cited Genius NIU application.

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
Which GE IC200ALG240 version is supported by the cited PROFINET Scanner manual?	The compatibility table specifies version 1.25 or later.
What must be saved before replacing GE IC200ALG240?	Save all eight channel modes, ranges, scaling, alarm limits, wiring and module-revision records.
What confirms successful commissioning of GE IC200ALG240?	Stable calibrated readings on every enabled channel with correct diagnostics and scaling confirm release.

MANUFACTURER SOURCE RECORDS

Emerson VersaMax Modular I/O and Control Data Sheet - 00813-0100-0112, IC200ALG240 ordering description
PACSystems VersaMax Genius Network Interface User Manual - GFK-1535D, IC200ALG240 module description and compatibility

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	IC200ALG240 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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