

IC200ALG240

VersaMax Isolated Analog Input Module

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.

BRAND	GE	MODEL	IC200ALG240
PRODUCT	VersaMax Isolated Analog Input Module	FAMILY	VersaMax
OFFICIAL SOURCE	Emerson VersaMax Modular I/O and Control Data Sheet	RECORD	00813-0100-0112, IC200ALG240 ordering description

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

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.

FUNCTION 1

Acquires eight voltage or current analog inputs

FUNCTION 2

Provides 16-bit conversion

FUNCTION 3

Uses 1500 VAC isolation in the documented VersaMax architecture

FUNCTION 4

Supports Genius and PROFINET remote-I/O configurations with the cited

APPLICATION	ENGINEERING CONTEXT
Process measurement	Acquires isolated current and voltage signals from field transmitters.
VersaMax remote I/O	Adds eight analog channels to a configured Genius or PROFINET station.
Machine monitoring	Collects isolated analog feedback for controller scaling and alarms.
Legacy module replacement	Restores an identical channel map after firmware and wiring checks.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
I/O family	VersaMax
Module type	Isolated voltage/current analog input
Input channels	8
Conversion resolution	16 bit
Isolation	1500 VAC
Genius NIU recommendation	Firmware revision 1.20 or later
PROFINET Scanner support	Module version 1.25 or later
Signal configuration	Voltage/current selection must match the installed channel setup

Acceptance Path

1 IDENTITY

The complete IC200ALG240 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete IC200ALG240 marking and module revision.	What is GE IC200ALG240?	It is an eight-channel isolated VersaMax voltage/current analog input module.
2	Remove field and backplane power before insertion or removal.		
3	Record all eight channel signal types, ranges and scaling values.	What conversion resolution does GE IC200ALG240 use?	The official VersaMax data identifies 16-bit conversion.
4	Preserve isolation, commons, shields and grounding exactly.	What isolation is documented for GE IC200ALG240?	The module description specifies 1500 VAC isolation.
5	Use revision 1.20 or later where required for a Genius NIU application.		
6	Use module version 1.25 or later where required by the cited PROFINET Scanner manual.	Which GE IC200ALG240 firmware is recommended on a Genius NIU?	Emerson recommends revision 1.20 or later for the cited Genius NIU application.
7	Check every voltage/current channel against the configured mode before applying a signal.		
8	Calibrate and function-test every enabled channel before release.		

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
General Electric IC694MDL645A	View General Electric IC694MDL645A

FAQ, Related Products and Sources

QUESTION	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

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC694MDL645D	View General Electric IC694MDL645D
General Electric IC694PWR321	View General Electric IC694PWR321
General Electric IC695NIU001-ADAD	View General Electric IC695NIU001-ADAD
General Electric HE693ADC415	View General Electric HE693ADC415
General Electric HE693SNP900	View General Electric HE693SNP900
General Electric HE693THM884G	View General Electric HE693THM884G
General Electric IC693ACC302B	View General Electric IC693ACC302B
General Electric IC693ALG223	View General Electric IC693ALG223

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