

GE IC200ALG322

VersaMax 12-bit Analog Output Module

Product identity and function

GE IC200ALG322 is a VersaMax four-channel analog output module that provides 12-bit voltage outputs across the published +/-10 V range and requires a VersaMax I/O carrier for field-wiring termination.

01 / Function

Provides four analog voltage output channels

02 / Function

Uses 12-bit output resolution across the published +/-10 V range

03 / Function

Installs on a VersaMax I/O carrier for wiring termination

04 / Function

Integrates into the modular VersaMax control and I/O platform

PRODUCT FIELD	OFFICIAL VALUE
Manufacturer	GE Intelligent Platforms / Emerson
Catalog number	IC200ALG322
Product family	VersaMax Modular I/O and Control
Module type	Analog voltage output module

Evidence boundary: Exact-model claims are limited to Emerson's IC200ALG322 product page and VersaMax data sheet; platform-level mounting, hot-swap and environmental values are identified separately and must be checked against the installed configuration.

Official manufacturer evidence reviewed: Emerson IC200ALG322 official product page and VersaMax Modular I/O and Control data sheet 00813-0100-0112.

Official technical parameters

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PARAMETER	VERIFIED VALUE
Manufacturer	GE Intelligent Platforms / Emerson
Catalog number	IC200ALG322
Product family	VersaMax Modular I/O and Control
Module type	Analog voltage output module
Output channels	4
Output resolution	12 bit
Output voltage range	+/-10 V
Wiring termination	Requires a VersaMax I/O carrier
VersaMax platform mounting	DIN rail

Official manufacturer evidence reviewed: Emerson IC200ALG322 official product page and VersaMax Modular I/O and Control data sheet 00813-0100-0112.

Official technical parameters

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PARAMETER	VERIFIED VALUE
VersaMax platform hot swap	Supported
VersaMax platform enclosure rating	IP20
VersaMax platform environment	0-60 deg C; -40 to 60 deg C options are listed at platform level
VersaMax platform conformal coating	Options available
VersaMax platform maximum wire gauge	14 AWG
VersaMax platform channel density	4-32 points
Supported control contexts	Compact PLC, distributed I/O or distributed control
Official product-page identity	VersaMax Analog Output module, 12 bit +/-10 VDC voltage, 4 channel
Official data-sheet identifier	00813-0100-0112, June 2020

Official manufacturer evidence reviewed: Emerson IC200ALG322 official product page and VersaMax Modular I/O and Control data sheet 00813-0100-0112.

Applications and product precautions

GE IC200ALG322

Four-channel analog command output

Supplies independent +/-10 V command signals for documented field devices.

Drive and actuator references

Provides voltage references where the controlled drawing specifies a compatible +/-10 V input.

Distributed VersaMax I/O

Adds analog output capability to a VersaMax remote or distributed I/O node.

Machine setpoint generation

Generates four configured analog setpoints from the approved control application.

01 / Check

Verify the complete IC200ALG322 catalog number and the assigned VersaMax node before work.

02 / Check

Place the machine, node and controlled outputs in the approved maintenance state before removal or insertion.

03 / Check

Confirm that the project requires four 12-bit voltage outputs across the +/-10 V range.

04 / Check

Use an approved VersaMax I/O carrier and preserve the documented field-wiring termination.

05 / Check

Record channel assignments, scaling, polarity, commanded values and connected loads before replacement.

06 / Check

Check field wiring against the controlled drawing; do not infer terminal assignments from another VersaMax analog model.

07 / Check

During commissioning, force or command one output at a time under an approved test procedure and compare the measured response.

08 / Check

Review node diagnostics and record the final zero, span, polarity and application response before service release.

Model-specific engineering FAQ

GE IC200ALG322

What type of module is IC200ALG322?

It is a VersaMax analog voltage output module.

How many output channels are provided?

The official Emerson catalog lists four analog output channels.

What output range is published?

The documented voltage range is +/-10 V.

What is the output resolution?

The published resolution is 12 bit.

Does the module require a separate carrier?

Yes. Emerson's ordering table states that the I/O modules require an I/O carrier for wiring termination.

Can a different VersaMax analog model be configured the same way?

Not by assumption. Channel count, signal type and resolution differ across the VersaMax analog range, so the exact IC200ALG322 identity and project mapping must be used.

What should be recorded before replacement?

Record the node position, carrier, channel-to-terminal mapping, scaling, polarity, commanded values, connected loads and current diagnostics.

What confirms successful commissioning?

Verify the exact identity and carrier, prove each channel through an authorized test, compare measured output and controlled-device response, and record the accepted baseline.

Answers are limited to the exact identity and the cited manufacturer evidence; project configuration remains installation-specific.

Related products and contact

Verified ApterPower navigation links; not approved substitutes

NO.	RELATED PRODUCT	APTERPOWER LINK
01	GE IC200ALG320	View product page
02	GE IC200ALG430	View product page
03	GE IC200ALG630	View product page
04	GE IC200ALG620	View product page
05	GE IC200ALG261	View product page
06	GE IC200ALG266	View product page
07	GE IC200ALG260	View product page
08	GE IC200ALG230	View product page
09	GE IC200PBI001	View product page
10	GE IC200PWR002G	View product page
11	GE IC200CPUE05	View product page
12	GE IC200CHS022	View product page
13	GE IC200TBM002	View product page
14	GE IC200MDL750	View product page
15	GE IC200MDL650	View product page
16	GE IC200BEM002	View product page
17	GE IC200ETM001	View product page
18	GE IC200PWR102	View product page

Recommendation links are navigation aids only and do not establish compatibility.

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