

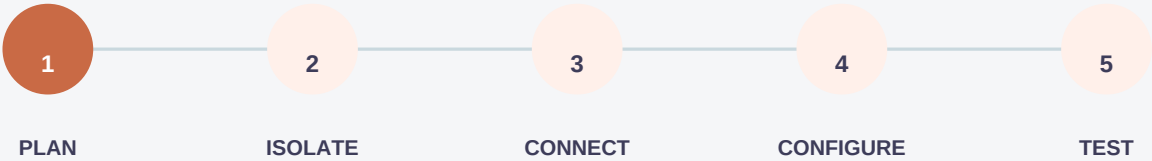
IC695ALG728

RX3i 8-Channel Analog Output Module with HART

CONTROLLED ENGINEERING COPY

Emerson IC695ALG728 provides eight configurable current or voltage output channels with HART 5.0 communications. It is designed for an RX3i Universal Backplane with external isolated 24 VDC field power.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC695ALG728
Manufacturer	Emerson
System family	PACSystems RX3i I/O
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete IC695ALG728 marking, module designation and documented RX3i installation position.
- 2

Place the controller, machine and connected process in the approved maintenance state.
- 3

Isolate controller and field power, prove the safe state and apply ESD controls before handling.
- 4

Record the slot, terminal block, every point assignment, common, shield and connected circuit before removal.
- 5

Verify the official electrical and configuration values documented for IC695ALG728; do not infer adjacent catalog executions.

MATCHED HARDWARE

- IC695ALG728 with complete catalog identity
- Matched RX3i backplane or carrier
- Documented terminal block and field interfaces
- Approved project, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC695ALG728 recorded
Physical interface	Installed terminal assembly, field power and point assignments matched to the as-found record
Configuration	Approved hardware, firmware and engineering configuration restored
Functional proof	Controlled test confirms HART-capable analog current and voltage output control

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Output channels	8
Current ranges	0–20 mA and 4–20 mA
Voltage ranges	±10 V and 0–10 V
HART	Version 5.0 on each channel; 4–20 mA range required
Minimum CPU firmware	RX3i CPU firmware 3.5
Configuration software	PAC Machine Edition 5.0 SP3 or later
Field power	External isolated 24 VDC
Backplane	RX3i Universal Backplane
Configuration	Software configurable; no jumpers
Output behavior	Configurable hold-last-state or output defaults
Diagnostics	Module fault reporting and on-board error checking
Compatible terminal blocks	IC694TBB032, TBB132, TBS032 or TBS132

RELATED PRODUCT PAGES

1

[General Electric DS200ADGIH1AAA](#)

2

[General Electric A06B-0104-B111-7000](#)

3

[General Electric 750-P5-G5-HI-A1-R-E](#)

4

[General Electric IC670MDL640](#)

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[General Electric F31X134EPRBEG1-FR00-0](#)

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[General Electric IC200MDL740](#)

7

[General Electric DS200PCTMG1AAA](#)

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[General Electric DS200PCCAG9ACB](#)

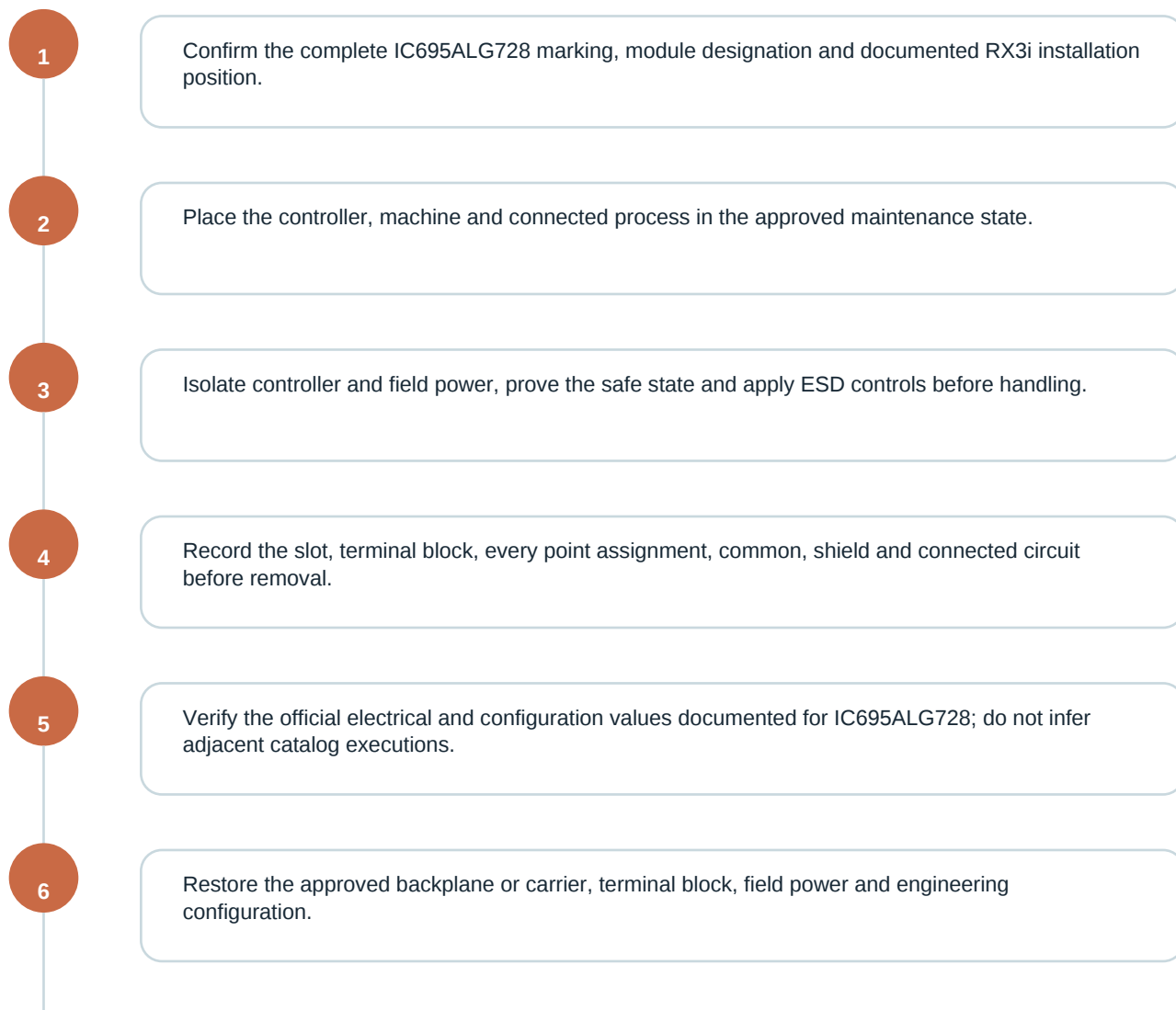
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[General Electric DS200FCRRG1AKD](#)

FIELD NOTE

Confirm IC695ALG728, the complete RX3i host, hardware revision, slot, terminal block, field power, wiring, grounding, shielding, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC695ALG728
Physical interface	Installed terminal assembly, field power and point assignments matched to the as-found record
Configuration	Approved hardware, firmware and engineering configuration restored
Functional proof	Controlled test confirms HART-capable analog current and voltage output control

04 RETURN-TO-SERVICE RECORD

- ☐
- Verify the official electrical and configuration values documented for IC695ALG728; do not infer adjacent catalog executions.
- ☐
- Restore the approved backplane or carrier, terminal block, field power and engineering configuration.
- ☐
- Energize in the manufacturer sequence and review CPU, bus, module and channel diagnostics.
- ☐
- Complete a controlled signal, output or controller-response test before service release.

VERIFICATION RECORD

PRODUCT IDENTITY	IC695ALG728
INSTALLED POSITION	Documented PACSystems RX3i slot or distributed-I/O carrier position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐
- Verify the official electrical and configuration values documented for IC695ALG728; do not infer adjacent catalog executions.
- ☐
- Restore the approved backplane or carrier, terminal block, field power and engineering configuration.
- ☐
- Energize in the manufacturer sequence and review CPU, bus, module and channel diagnostics.
- ☐
- Complete a controlled signal, output or controller-response test before service release.

SOURCE IDENTIFIERS

Emerson Important Product Information GFK-2373K | Emerson official product and PACSystems documentation, accessed 24 September 2026