

GENERAL ELECTRIC PACSYSTEMS RX3i

IC695ALG608

PACSystems RX3i Analog Input Module

General Electric IC695ALG608 is a non-isolated PACSystems RX3i analog input module with eight single-ended or four differential current/voltage channels.

Verified technical data

Field	Officially documented value
Input architecture	Non-isolated analog current/voltage inputs
Channel modes	8 single-ended or 4 differential inputs
Current ranges	0...20 mA, 4...20 mA, and ± 20 mA
Voltage ranges	± 10 V, 0...10 V, ± 5 V, 0...5 V, and 1...5 V
Backplane	PACSystems RX3i Universal Backplane
Serviceability	Hot swappable
Compatible terminal blocks	IC694TBB032, IC694TBB132, IC694TBS032, and IC694TBS132
Configuration	Software-configurable channel ranges and operating parameters
Calibration	Automatic calibration
Diagnostics	Onboard error checking and open-circuit detection
Channel processing	Per-channel scaling, offsets, alarms, and rate-of-change functions
Interrupts	Configurable channel alarms and rate-of-change interrupts

Selection and replacement checkpoints

- The module can be configured for eight single-ended points or four differential points and applies channel scaling, offsets, alarms, diagnostics, and rate-of-change processing in the RX3i system.
- Before installation or replacement, verify the input mode, terminal block, loop wiring, common reference, range, scaling, alarms, filters, interrupt configuration, grounding, shielding, and saved project.
- IC695ALG608 replacement requires the single-ended or differential mode, compatible terminal block, current or voltage ranges, loop commons, scaling, offsets, alarms, rate-of-change settings, grounding, and saved RX3i configuration to be verified.

Documented applications

- Acquisition of 0...10 V and ± 10 V industrial analog signals
- Monitoring of 0...20 mA and 4...20 mA process transmitters
- Differential voltage or current measurement in PACSystems RX3i control systems

Important selection note

Confirm the complete IC695ALG608 catalog identity, hardware suffix where present, firmware, compatible RX3i platform, connected equipment, wiring, and saved configuration before installation or replacement.