

GENERAL ELECTRIC PACSYSTEMS RX3i

IC695ALG600

PACSystems RX3i Universal Analog Input Module

General Electric IC695ALG600 is an eight-channel PACSystems RX3i universal analog input module for voltage, current, thermocouple, RTD, and resistance signals.

Verified technical data

Field	Officially documented value
General-purpose inputs	8 channels
Input groups	Two groups of four channels
Cold-junction channels	Two dedicated CJC inputs
Supported signal types	Voltage, current, thermocouple, RTD, and resistance
Current ranges	0...20 mA, 4...20 mA, and ± 20 mA
Voltage ranges	± 50 mV, ± 150 mV, 0...5 V, 1...5 V, 0...10 V, and ± 10 V
Thermocouple types	B, C, E, J, K, N, R, S, and T
RTD types	Pt 385, Pt 3916, Ni 618, Ni 672, NiFe 518, and Cu 426
Resistance ranges	0...250, 500, 1000, 2000, 3000, and 4000 Ω
Maximum backplane power	5.4 W
Hot insertion behavior	Module OK indication may take up to 2 seconds after slow insertion

Selection and replacement checkpoints

- The module lets each application combine supported low-level voltage, current-loop, thermocouple, RTD, and resistance measurements within the documented channel and group rules.
- Before installation or replacement, verify the complete catalog number, firmware and configuration, terminal assembly, sensor type, channel range, grounding, shielding, CJC arrangement, RTD wiring, and stored scaling values.
- IC695ALG600 requires every channel type, input range, terminal assembly, thermocouple CJC method, RTD wiring, shielding, grounding, scaling, alarms, and saved RX3i configuration to be verified before replacement.

Documented applications

- Thermocouple temperature acquisition with cold-junction compensation
- RTD temperature and industrial resistance measurement
- Mixed voltage and 0...20 mA or 4...20 mA process-signal acquisition

Important selection note

Confirm the complete IC695ALG600 catalog identity, hardware suffix where present, firmware, compatible RX3i platform, connected equipment, wiring, and saved configuration before installation or replacement.