

PACSYSTEMS RX3i

Product Data Sheet

IC695ALG608-CA

Analog Current Voltage Input Module

ANALOG INPUT CHANNELS	CURRENT INPUT RANGES	VOLTAGE INPUT RANGES	DATA FORMATS
8; one group	0 to 20 mA; 4 to 20 mA; ± 20 mA	± 10 V; 0-10 V; ± 5 V; 0-5 V; 1-5 V	32-bit IEEE floating point; 16-bit integer in 32-bit field

IC695ALG608-CA is an Analog Current Voltage Input Module in the PACSystems RX3i family. It acquires eight configurable analog process signals in a compatible RX3i universal backplane.

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VERIFIED TECHNICAL DATA

Analog input channels	8; one group
Current input ranges	0 to 20 mA; 4 to 20 mA; ± 20 mA
Voltage input ranges	± 10 V; 0-10 V; ± 5 V; 0-5 V; 1-5 V
Data formats	32-bit IEEE floating point; 16-bit integer in 32-bit field
Module update time	5 ms for all 8 channels at 500 Hz filter
Current input impedance	249 ohm $\pm 1\%$
Filter selections	8; 12; 16; 40; 200; 500 Hz
5 V current consumption	450 mA
3.3 V current consumption	600 mA
10 V range accuracy	± 10 mV at 13-33deg C with 8/12/16 Hz filter

ADDITIONAL PRODUCT DATA

5 V range accuracy	±5 mV at 13-33deg C with 8/12/16 Hz filter
Current range accuracy	±20 microA at 13-33deg C with 8/12/16 Hz filter
Backplane slot occupancy	1
Backplane requirement	RX3i universal PCI
Terminal block options	IC694TBBx32; IC694TBSx32; IC694TBC032, separate

DOCUMENTED USE SETTINGS

Chemical Manufacturing and Process Production: Industrial Chemical Production.

Electric Power and Energy Generation: Electric Power Generation Processes.

Industrial Manufacturing and Production Automation: Industrial Production and Assembly.

SYSTEM COMPATIBILITY

IC695ALG608-CA belongs to the PACSystems RX3i platform and serves as an Analog Current Voltage Input Module. Match the complete article code and installed hardware revision before using the applicable manufacturer documentation.

PRODUCT EVIDENCE

GE Intelligent Platforms RX3i catalog, analog input modules, page 1.18