

MODEL-SPECIFIC TECHNICAL REFERENCE

GE Fanuc IC609SJR100 Series One Junior Programmable Controller

IC609SJR100 is a GE Fanuc Series One Junior 24-point programmable controller with 115 VAC inputs, relay outputs, and an integral CPU/power-supply base. It supports compact machine and sequence control in legacy Series One installations.

Manufacturer General Electric	Product family Series One Junior	Configuration IC609SJR100
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Officially documented configuration

Catalog number	IC609SJR100
Controller family	Series One Junior
Controller format	Basic unit with CPU and power supply
Total I/O points	24
AC input count	13
DC input count	2
Relay output count	9
AC input voltage	115 VAC
Relay output service	115/230 VAC
Input organization	Two input groups
Output organization	Three relay groups
Programming architecture	Relay-ladder programmable controller
Program retention	Battery-backed CMOS memory
Expansion arrangement	Self-contained Junior basic unit
Manufacturer manual	GEK-90503
Ordering guide	GEP-761

INSTALLATION AND PROCUREMENT REFERENCE

IC609SJR100 application guidance

GE Fanuc IC609SJR100 is the 115 VAC Series One Junior basic unit identified in the GE ordering guide. Its self-contained assembly combines the processor, power supply, thirteen AC inputs, two DC inputs, and nine relay outputs in a 24-point controller.

The unit executes relay-style logic for compact industrial equipment, including interlocks, timers, counters, and discrete machine sequencing. Relay contacts allow the documented output circuits to switch supported AC or DC loads without a separate plug-in output module.

Retrofit work should preserve the original I/O map, input commons, relay-load ratings, program, and mounting clearances. Confirm the complete IC609SJR100 nameplate rather than using the similar IC609SJR100C configuration as an automatic substitute.

High-risk technical note

For IC609SJR100, isolate every relay load and verify input commons, output contact ratings, field voltage, and the saved Series One Junior program before replacement.

Manufacturer source record

- GEK-90503 Series One Junior User Manual
- GEP-761 GE Programmable Control Products Ordering Guide



Request a quotation for IC609SJR100

Email: info@apterpower.com

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Please include the complete nameplate, quantity, destination, and required delivery date.

Prepared from the manufacturer references listed above. Verify the latest manufacturer revision and the complete installed configuration before replacement or commissioning.