

GENERAL ELECTRIC PACSYSTEMS RX3i

IC694MDL740

16-Point 12/24 V DC Positive-Logic Output Module

General Electric IC694MDL740 is a PACSystems RX3i 16-point 12/24 V DC positive-logic output module rated at 0.5 A per point.

Verified technical data

Field	Officially documented value
Rated voltage	12/24 V DC
Output voltage range	12 to 24 V DC (+20%, -15%)
Output points	16 in two groups of eight
Output logic	Positive logic; sourcing
Maximum output current	0.5 A per point; 2 A per common
Maximum inrush current	4.78 A for 10 ms
Maximum output voltage drop	1 V
Maximum off-state leakage	1 mA
Maximum response time	2 ms on; 2 ms off
5 V backplane consumption	110 mA with all outputs on
Isolation	250 V AC continuous; 1500 V AC for 1 minute, output-to-backplane/frame and group-to-group
Field power	Separately supplied for output devices
Hot-swap compatibility	Supported in the RX3i Universal Backplane under the documented procedure

Selection checkpoints

- The module switches user-supplied positive voltage to sixteen output points arranged in two groups, with each group using its own common power terminal.
- Before installation or replacement, verify the load polarity, field-supply range, point and common current, inrush demand, terminal assignments, protective devices, and saved RX3i configuration.
- IC694MDL740 requires positive-logic field wiring, two-group common loading, 0.5 A point limits, 2 A common limits, inrush demand, and the saved RX3i output configuration to be verified before commissioning.

Documented applications

- Discrete actuator control in complex PACSystems RX3i machines
- On/off field-load control in industrial process-control systems
- Auxiliary discrete-load switching in motion-control applications

Important selection note

Confirm the complete IC694MDL740 catalog identity, actual label revision, terminal or power requirements, field wiring, controller compatibility, configuration, and saved project before installation or replacement.