

# IC694MDL740

## RX3i 16-Point 12/24 VDC Digital Output Module

Emerson IC694MDL740 is a 16-circuit 12/24 VDC positive-logic output module rated 0.5 A per point. It is supported in RX3i CEP/CEE distributed I/O configurations.

### PRODUCT SNAPSHOT

**BRAND**  
Emerson

**FAMILY**  
PACSystems RX3i I/O

**PART**  
IC694MDL740

**DOCUMENT STATUS**  
Controlled engineering copy

### APTER POWER

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# PRODUCT OVERVIEW

IC694MDL740 provides positive-logic 12/24 VDC discrete load control for a matched PACSystems RX3i I/O installation.

Exact catalog identity IC694MDL740

RX3i 16-Point 12/24 VDC Digital Output Module

Documented role: positive-logic 12/24 VDC discrete load control

Controlled installation, diagnostics and functional verification

| RELATED APTER POWER PAGES              |                                   |                                                     |
|----------------------------------------|-----------------------------------|-----------------------------------------------------|
| 1 General Electric IC200PWR002G        | 2 General Electric 31F323G1       | 3 General Electric DS215TCCAG1BZZ01A-DS200TCCAG1BAA |
| 4 General Electric A06B-6102-H245-H520 | 5 General Electric IS200WROBH1AAA | 6 General Electric IS200STCIH2A                     |
| 7 General Electric IC695PNS001         | 8 General Electric UR9GH          | 9 General Electric IC693ACC302B                     |

## SYSTEM COMPONENTS

| DOCUMENTED COMPONENT | ROLE IN SYSTEM          |
|----------------------|-------------------------|
| Proximity probe      | Matched extension cable |
| Proximitior Sensor   | AISI 4140 target        |

### ENGINEERING CONTEXT

The component remains matched to the documented RX3i slot or carrier, terminal assembly, field power and engineering configuration. Commissioning preserves the installed architecture and verifies controlled response.

# TECHNICAL DATA

| PARAMETER      | VALUE          |
|----------------|----------------|
| Output points  | 16             |
| Output voltage | 12/24 VDC      |
| Output logic   | Positive logic |
| Point current  | 0.5 A          |

| PARAMETER                   | VALUE        |
|-----------------------------|--------------|
| CEP distinguishing class    | 16 outputs   |
| Recommended CEP001 firmware | Version 2.50 |
| CEE001 compatibility        | Supported    |
|                             |              |

## RELATED PRODUCT PAGES

- 1

General Electric IC200PWR002G
- 2

General Electric 31F323G1
- 3

General Electric DS215TCCAG1BZZ01A-DS200TCCAG1BAA
- 4

General Electric A06B-6102-H245-H520
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- 9

General Electric IC693ACC302B

### TECHNICAL NOTE

Install IC694MDL740 only in the documented PACSystems RX3i I/O position. Preserve the as-found terminal, point and configuration records; then verify diagnostics and positive-logic 12/24 VDC discrete load control under controlled conditions.

# APPLICATIONS & PRECAUTIONS

## COMMON APPLICATIONS

### PACSystems RX3i planned maintenance

Restores positive-logic 12/24 VDC discrete load control in the documented control architecture.

### RX3i 16-Point 12/24 VDC Digital Output Module replacement

Uses exact IC694MDL740 identity instead of an adjacent I/O or CPU execution.

### Control-system refurbishment

Preserves the installed slot, terminal block, point map, power and engineering configuration.

### Controlled recommissioning

Confirms diagnostics and the affected signal or control function before automatic operation.

## PRODUCT PRECAUTIONS

- 1 Confirm the complete IC694MDL740 marking, module designation and documented RX3i installation position.
- 2 Place the controller, machine and connected process in the approved maintenance state.
- 3 Isolate controller and field power, prove the safe state and apply ESD controls before handling.
- 4 Record the slot, terminal block, every point assignment, common, shield and connected circuit before removal.
- 5 Verify the official electrical and configuration values documented for IC694MDL740; do not infer adjacent
- 6 Restore the approved backplane or carrier, terminal block, field power and engineering configuration.
- 7 Energize in the manufacturer sequence and review CPU, bus, module and channel diagnostics.
- 8 Complete a controlled signal, output or controller-response test before service release.

## RELATED APTER POWER PAGES

1

[General Electric IC200PWR002G](#)

2

[General Electric 31F323G1](#)

3

[General Electric DS215TCCAG1BZZ01A-DS200TCCAG1BAA](#)

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9

[General Electric IC693ACC302B](#)

# ENGINEER FAQ

## Q1 How is IC694MDL740 distinguished from adjacent RX3i catalog numbers?

Match the complete IC694MDL740 marking, the RX3i 16-Point 12/24 VDC Digital Output Module designation and its recorded slot or carrier position.

## Q2 What function is assigned to IC694MDL740 in the documented system?

The module provides positive-logic 12/24 VDC discrete load control in the matched PACSystems RX3i I/O installation.

## Q3 What is the official output points for IC694MDL740?

Emerson documents output points as 16; verify that value against the installed execution before work.

## Q4 Which output voltage applies to IC694MDL740?

The official value is 12/24 VDC. Preserve the corresponding power, signal or controller configuration.

## Q5 How should the documented output logic be checked on IC694MDL740?

Confirm output logic is Positive logic and compare the as-found wiring or configuration with the approved record.

## Q6 What evidence is needed for the point current of IC694MDL740?

Record the installed condition and verify the official value 0.5 A during controlled commissioning.

## Q7 What must be preserved before replacing IC694MDL740?

Record the slot or carrier, terminal assembly, point assignments, wiring, commons, shields, firmware or configuration state and active diagnostics.

## Q8 How is IC694MDL740 accepted after installation?

Restore the documented hardware and point map, review module and controller diagnostics, and perform a controlled test of positive-logic 12/24 VDC discrete load control.

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**SOURCE** Emerson PACSystems RX3i CEP User Manual GFK-2883G | Emerson official product and PACSystems documentation, accessed 24 September 2026

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