INDUSTRIAL AUTOMATION PRODUCT

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Emerson
System family	PACSystems RX3i I/O
Part number	IC694MDL740
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING 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.

System Role and Architecture

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.

FUNCTION 1
Exact catalog identity IC694MDL740

FUNCTION 2
RX3i 16-Point 12/24 VDC Digital Output Module

FUNCTION 3
Documented role: positive-logic 12/24 VDC discrete load control

FUNCTION 4
Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES

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

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	PACSystems RX3i I/O
02	Matched RX3i backplane, carrier or terminal block
03	Documented field wiring, commons, shields and point map
04	Approved controller project and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	PACSystems RX3i I/O
Interface role	positive-logic 12/24 VDC discrete load control
Field / power context	documented PACSystems RX3i backplane or distributed-I/O position
Commissioning evidence	Identity, electrical interfaces, configuration, diagnostics and controlled functional response recorded

INSTALLATION AND CONNECTION CHECKS

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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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 A06B-6102-H245-H520
2. General Electric IS200WROBH1AAA
3. General Electric IS200STCIH2A
4. General Electric IC695PNS001
5. General Electric UR9GH
6. General Electric IC693ACC302B
7. General Electric IC200PWR002G
8. General Electric 31F323G1
9. General Electric DS215TCCAG1BZZ01A-DS200TCCAG1BAA

ENGINEERING BOUNDARY

Confirm IC694MDL740, the complete RX3i host, hardware revision, slot, terminal block, field power, wiring, grounding, shielding, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

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.

Applications and Engineering Context

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.

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	IC694MDL740 recorded
Host / carrier	PACSystems RX3i I/O
Physical interface	Installed terminal assembly, field power and point assignments matched to the as-found record
Configuration	Approved hardware, firmware and engineering configuration restored
Functional proof	Controlled test confirms positive-logic 12/24 VDC discrete load control

IMPORTANT NOTICE

Confirm IC694MDL740, the complete RX3i host, hardware revision, slot, terminal block, field power, wiring, grounding, shielding, configuration, diagnostics and controlled acceptance evidence before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1. **General Electric A06B-6102-H245-H520**
   View General Electric A06B-6102-H245-H520 page
2. **General Electric IS200WROBH1AAA**
   View General Electric IS200WROBH1AAA page
3. **General Electric IS200STCIH2A**
   View General Electric IS200STCIH2A page
4. **General Electric IC695PNS001**
   View General Electric IC695PNS001 page
5. **General Electric UR9GH**
   View General Electric UR9GH page
6. **General Electric IC693ACC302B**
   View General Electric IC693ACC302B page
7. **General Electric IC200PWR002G**
   View General Electric IC200PWR002G page
8. **General Electric 31F323G1**
   View General Electric 31F323G1 page
9. **General Electric DS215TCCAG1BZZ01A-DS200TCCAG1BAA**
   View General Electric DS215TCCAG1BZZ01A-DS200TCCAG1BAA

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com

RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.