IC697MDL940

Series 90-70 Relay Output Module

GE IC697MDL940 is a Series 90-70 Relay Output Module for the Series 90-70 PLC. It provides the documented field interface or control function in the configured system.

BRAND	General Electric	FAMILY	Series 90-70 PLC
PART	IC697MDL940	SYSTEM ROLE	Provides the documented series 90-70 relay output module function

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IC697MDL940

MANUFACTURER SOURCE RECORD

Series 90-70 Programmable Controller Data Sheet Manual
GFK-0600F

Product Overview

SYSTEM FUNCTION

GE IC697MDL940 is a Series 90-70 Relay Output Module for the Series 90-70 PLC. It provides the documented field interface or control function in the configured system.

FUNCTION 1

Provides the documented series 90-70 relay output module function

FUNCTION 2

Uses exact catalog identity IC697MDL940 for replacement control

FUNCTION 3

Integrates with the matched Series 90-70 PLC hardware

FUNCTION 4

Supports controlled connection checks and functional verification

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Series 90-70 PLC
Primary interface	Provides the documented series 90-70 relay output module function
Engineering context	The component is used with the exact terminal assembly, carrier, power grouping and bus configuration identified for IC697MDL940. Commissioning preserves the installed point map and verifies controlled field response.
Commissioning duty	Complete a controlled signal or load test before returning the station to service.

TECHNICAL NOTE

Install IC697MDL940 only in the documented Series 90-70 PLC position. Preserve the as-found terminal mapping and configuration, then verify diagnostics and the affected field function under controlled conditions.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Output points	16	125 VDC point current	0.2 A
Relay configuration	Eight isolated Form C; two groups of four Form A	Module current	16 A maximum
Load voltage	24 to 240 V AC; 5 to 125 V DC	Protection	RC snubber and fuse per point
Point current	2 A at 120/240 V AC or 24 V DC	Field terminal	Removable

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
IS400JPDHG1A	product page	View IS400JPDHG1A page
DS200SDCIG1AFB	product page	View DS200SDCIG1AFB page
IC200ALG620	product page	View IC200ALG620 page
IS215WETAH1A	product page	View IS215WETAH1A page
MIVII1000E00HI00	product page	View MIVII1000E00HI00 page
ICRXIBN7M000A-BA	product page	View ICRXIBN7M000A-BA page
IS200TBAIH1CCC	product page	View IS200TBAIH1CCC page
IS200EMIOH1AFB	product page	View IS200EMIOH1AFB page

ENGINEERING BOUNDARY

Confirm IC697MDL940, Series 90-70 PLC host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

Applications and Precautions

Common Applications

Series 90-70 PLC station maintenance

Restores the documented series 90-70 relay output module function in an engineered station.

Distributed I/O refurbishment

Uses exact IC697MDL940 identity when rebuilding the recorded field interface.

Control-panel modernization

Preserves the approved terminal, power and communications arrangement during migration work.

Controlled recommissioning

Verifies point mapping, diagnostics and field response before process release.

Product Precautions

1. Confirm the full IC697MDL940 catalog marking and installed Series 90-70 PLC position before work.
2. Isolate the station supply and connected field energy using the approved procedure.
3. Record every terminal, common, shield, connector and configured point before removal.
4. Use ESD controls and protect backplane, terminal and connector contacts from contamination.
5. Verify each documented value for IC697MDL940 against the installed host and field circuit.
6. Restore the approved terminal assembly, power grouping and configuration record.
7. Energize in the prescribed sequence and review module, bus and point diagnostics.
8. Complete a controlled signal or load test before returning the station to service.

IMPORTANT NOTICE

Confirm IC697MDL940, Series 90-70 PLC host, hardware revision, terminal or connector type, power and signal ranges, wiring, grounding, bus configuration, companion accessories and controlled commissioning results before service release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	IC697MDL940
Configuration	Energize in the prescribed sequence and review module, bus and point diagnostics.
Functional release	Complete a controlled signal or load test before returning the station to service.

Engineer FAQ

Q1 How is IC697MDL940 identified?

Match the complete catalog number and the Series 90-70 Relay Output Module designation.

Q2 Which system accepts IC697MDL940?

Use the documented Series 90-70 PLC carrier, terminal and bus arrangement.

Q3 What records are retained before removing IC697MDL940?

Record terminals, commons, shields, connectors, point mapping and diagnostics.

Q4 How is IC697MDL940 isolated safely?

Isolate station and field supplies, prove the safe state and apply ESD controls.

Q5 Which official values govern IC697MDL940?

Output points: 16; Relay configuration: Eight isolated Form C; two groups of four Form A; Load voltage: 24 to 240 V AC; 5 to 125 V DC; Point current: 2 A at 120/240 V AC or 24 V DC.

Q6 How is IC697MDL940 configuration restored?

Restore the approved hardware execution, power grouping and point map.

Q7 Which diagnostics follow IC697MDL940 energization?

Review module, bus and channel status in the prescribed startup sequence.

Q8 What releases IC697MDL940 to service?

A controlled signal or load test with the expected field response and no active diagnostic.

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