

IC697MDL750

Series 90-70 thirty-two-point 24/48 VDC output module

Thirty-two grouped 24/48 VDC positive-logic output commands

PRODUCT SNAPSHOT

BRAND

General Electric

FAMILY

GE Fanuc Series 90-70 discrete I/O

PART

IC697MDL750

ORIGIN / HS

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PRODUCT OVERVIEW

Thirty-two grouped 24/48 VDC positive-logic output commands

1

Provides thirty-two DC source outputs

2

Supplies one-half ampere per point

3

Organizes outputs into four protected groups

4

Uses two IC697 rack slots

SYSTEM COMPONENTS

IC697 PLC rack

24 or 48 VDC load supply

field terminal board

documented positive-logic loads

TECHNICAL NOTE

Isolate each DC group supply, record output commons and addresses, and verify load current and module revision before enabling outputs.

TECHNICAL DATA

PARAMETER	VALUE
Output points	32
Output voltage	24/48 V DC
Rated output current	0.5 A per point
Output logic	Positive logic

PARAMETER	VALUE
Output groups	4 groups of 8
Rack occupancy	2 slots
Required revision for RX7i	Version G or later
Status indication	One LED per output point

ENGINEERING NOTE

Isolate each DC group supply, record output commons and addresses, and verify load current and module revision before enabling outputs.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 3500-42M-SIL2-09-01	Related industrial automation product	View Bently Nevada 3500-42M-SIL2-09-01 page
Bently Nevada 330130-070-00-05	Related industrial automation product	View Bently Nevada 330130-070-00-05 page
Bently Nevada 330130-040-03-00	Related industrial automation product	View Bently Nevada 330130-040-03-00 page
Bently Nevada 330130-035-00-05	Related industrial automation product	View Bently Nevada 330130-035-00-05 page
Bently Nevada 330130-080-13-05	Related industrial automation product	View Bently Nevada 330130-080-13-05 page
Bently Nevada 330130-046-00-06	Related industrial automation product	View Bently Nevada 330130-046-00-06 page
Siemens 6SL3985-6TM00-0AA0	Related industrial automation product	View Siemens 6SL3985-6TM00-0AA0 page
Bently Nevada 330525-00	Related industrial automation product	View Bently Nevada 330525-00 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Solenoid output bank

Provides thirty-two DC source outputs

Relay and contactor commands

Supplies one-half ampere per point

Machine-status indication

Organizes outputs into four protected groups

DC output-module renewal

Uses two IC697 rack slots

PRODUCT PRECAUTIONS

- 1 Verify the complete IC697MDL750 marking and its assigned GE Fanuc Series 90-70 discrete I/O position before work.
- 2 Place the connected solenoid output bank process in the approved maintenance state.
- 3 Isolate applicable power and thirty-two grouped 24/48 vdc positive-logic output commands field energy before disconnecting conductors.
- 4 Record connector, conductor, address, firmware and software identities before removal.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.
- 6 Confirm the installed IC697 PLC rack and 24 or 48 VDC load supply against the approved project.
- 7 Restore power in a controlled sequence and review device, network and host diagnostics.
- 8 Prove the intended relay and contactor commands function and retain the final test result.

ENGINEER FAQ

Q1 Does IC697MDL750 match IC697 PLC rack in a Solenoid output bank installation?

Verify the complete IC697MDL750 marking, the documented GE Fanuc Series 90-70 discrete I/O position and the installed IC697 PLC rack before fitting the assembly.

Q2 How should IC697MDL750 be wired when it must provides thirty-two dc source outputs?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for IC697MDL750; then continuity-test the affected path.

Q3 Which GE Fanuc Series 90-70 discrete I/O records should be captured before removing IC697MDL750?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with IC697MDL750 before disconnection.

Q4 What controlled test confirms that IC697MDL750 can supplies one-half ampere per point?

Apply the approved field or simulated stimulus, observe the GE Fanuc Series 90-70 discrete I/O indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which 24 or 48 VDC load supply condition should be checked when IC697MDL750 reports an abnormal state?

Check the 24 or 48 VDC load supply supply, seating and connection first, then compare channel diagnostics with the recorded IC697MDL750 baseline.

Q6 Can IC697MDL750 be moved directly into Relay and contactor commands without validating documented positive-logic loads?

No. Confirm the documented positive-logic loads, revision, connection scheme and GE Fanuc Series 90-70 discrete I/O configuration before transferring IC697MDL750 to that duty.

Q7 What maintenance evidence is required after IC697MDL750 is used for Machine-status indication?

Retain the nameplate record, corrective action, final diagnostics and a controlled machine-status indication functional-test result for IC697MDL750.

Q8 How should IC697MDL750 be returned to service in DC output-module renewal?

Restore power under control, verify organizes outputs into four protected groups, exercise the intended signal path and release IC697MDL750 only after the GE Fanuc Series 90-70 discrete I/O remains in its approved operating state.

SOURCE GE Fanuc Series 90-70 I/O module documentation | GFK-0262; GFK-0600

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