

IC697MDL250

Series 90-70 thirty-two-point 120 VAC input module

CONTROLLED ENGINEERING COPY

Isolate all four AC input groups, label each conductor and common, and compare the installed module revision with the rack configuration.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697MDL250
Manufacturer part	IC697MDL250
Hardware type	32
System family	GE Fanuc Series 90-70 discrete I/O



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete IC697MDL250 marking and its assigned GE Fanuc Series 90-70 discrete I/O position before work.
- 2

Place the connected limit-switch monitoring process in the approved maintenance state.
- 3

Isolate applicable power and thirty-two grouped 120 vac discrete input signals 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.

MATCHED HARDWARE

- IC697 PLC rack
- 120 VAC field input circuits
- removable terminal board
- Series 90-70 CPU configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC697MDL250 / IC697MDL250 recorded
Physical interface	IC697 PLC rack
Companion check	120 VAC field input circuits
Functional proof	Acquires thirty-two AC input points
Application test	Limit-switch monitoring

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Input points	32
Input voltage	120 V AC
Frequency	50/60 Hz
Input groups	4 groups of 8
Rack occupancy	1 slot
Logic type	Discrete AC input
Status indication	One LED per input point
Isolation	Group-to-group and field-to-logic

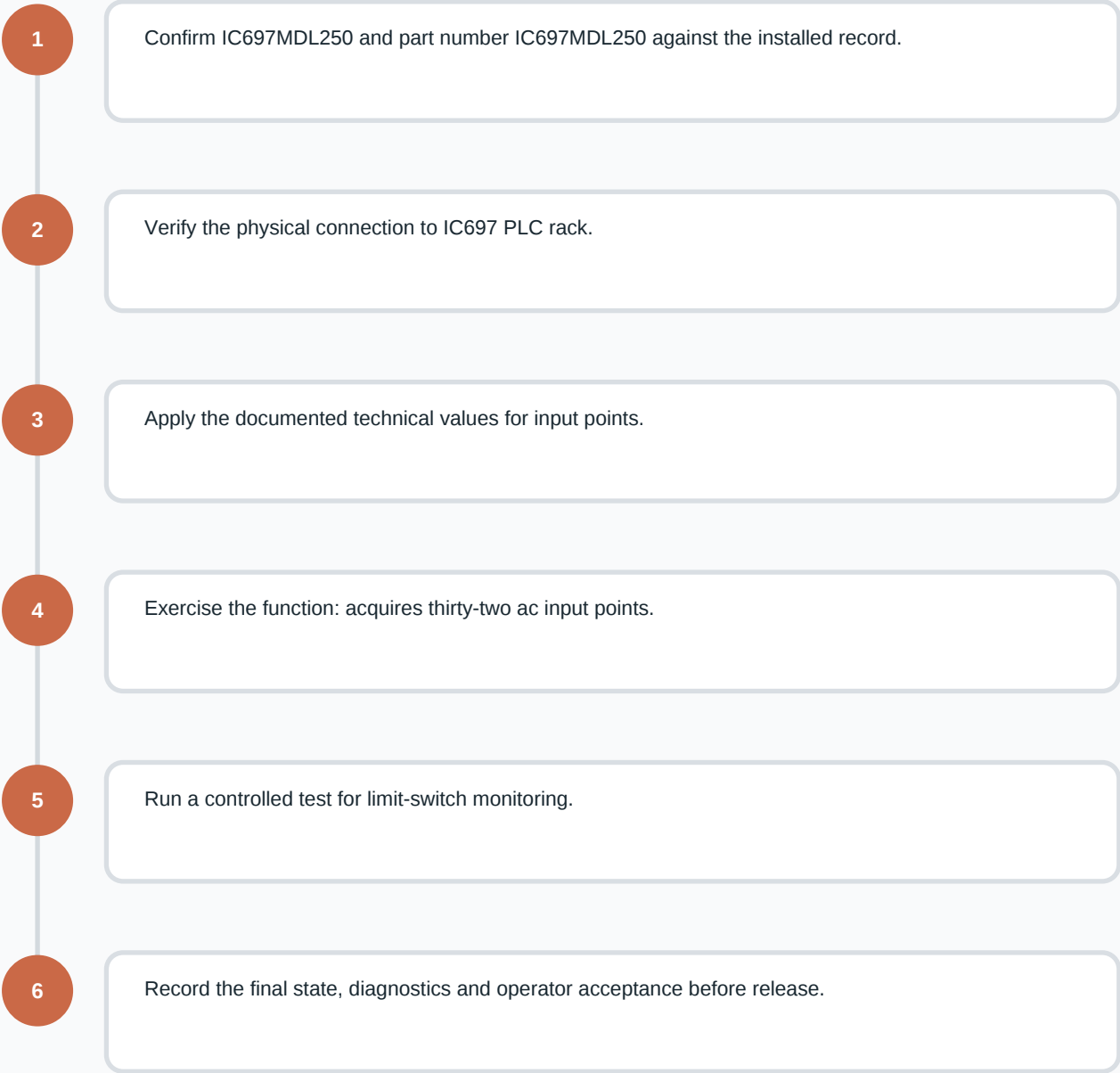
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	IC697 PLC rack
Companion hardware	120 VAC field input circuits
Field connection	removable terminal board
Primary system function	Acquires thirty-two AC input points
Controlled acceptance duty	Limit-switch monitoring

FIELD NOTE

Isolate all four AC input groups, label each conductor and common, and compare the installed module revision with the rack configuration.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC697MDL250 / IC697MDL250 recorded
Physical interface	IC697 PLC rack
Companion check	120 VAC field input circuits
Functional proof	Acquires thirty-two AC input points
Application test	Limit-switch monitoring

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed IC697 PLC rack and 120 VAC field input circuits against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended contactor auxiliary feedback function and retain the final test result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	IC697MDL250
INSTALLED POSITION	Documented GE Fanuc Series 90-70 discrete I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330101-00-16-10-02-00	Related industrial automation product	View Bently Nevada 330101-00-16-10-02-00 page
Bently Nevada 330101-00-12-10-02-00	Related industrial automation product	View Bently Nevada 330101-00-12-10-02-00 page
Bently Nevada 330101-00-08-10-02-05	Related industrial automation product	View Bently Nevada 330101-00-08-10-02-05 page
Bently Nevada 330101-00-08-10-02-00	Related industrial automation product	View Bently Nevada 330101-00-08-10-02-00 page
ABB 3BHE022293R0101-PCD232 A	Related industrial automation product	View ABB 3BHE022293R0101-PCD232A page
Bently Nevada 330101-00-08-05-02-00	Related industrial automation product	View Bently Nevada 330101-00-08-05-02-00 page
Siemens 6SE7090-0XX87-4AH0	Related industrial automation product	View Siemens 6SE7090-0XX87-4AH0 page
Siemens C98043-A7109-L100	Related industrial automation product	View Siemens C98043-A7109-L100 page

SOURCE IDENTIFIERS

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

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