

IC697CMM741

Series 90-70 Ethernet controller

CONTROLLED ENGINEERING COPY

Record the rack slot, AUI transceiver, media type, station parameters and loaded communication software before replacement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697CMM741
Manufacturer part	IC697CMM741
Hardware type	1 slot
System family	GE Fanuc Series 90-70 communications



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete IC697CMM741 marking and its assigned GE Fanuc Series 90-70 communications position before work.
- 2

Place the connected ic697 host communications process in the approved maintenance state.
- 3

Isolate applicable power and 10 mbit/s ieee 802.3 ethernet communications 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 CPU rack
- 802.3-compatible AUI transceiver
- selected Ethernet medium
- licensed TCP/IP or MMS software

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	IC697CMM741 / IC697CMM741 recorded
Physical interface	IC697 CPU rack
Companion check	802.3-compatible AUI transceiver
Functional proof	Connects directly to the IC697 backplane
Application test	IC697 host communications

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Rack occupancy	1 slot
LAN standard	IEEE 802.3 CSMA/CD
Ethernet data rate	10 Mbit/s
Network connector	15-pin AUI D-sub
Supported media	10Base5; 10Base2; 10BaseT; 10BaseF; 10Broad36 via transceiver
Protocols	TCP/IP-SRTP or MMS/OSI software
Software retention	Minimum 6 months without power
Status indicators	MODULE OK; ONLINE

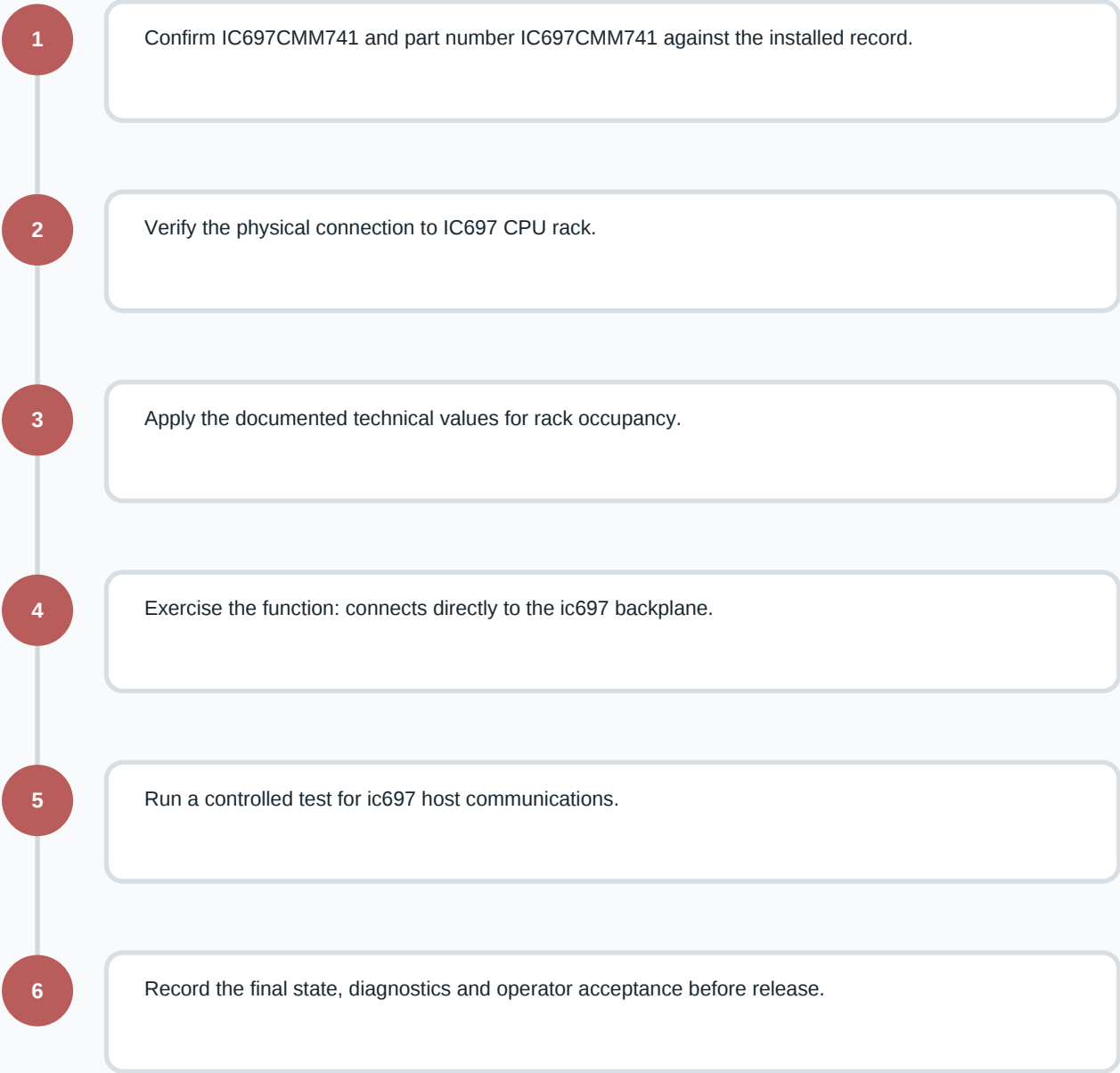
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	IC697 CPU rack
Companion hardware	802.3-compatible AUI transceiver
Field connection	selected Ethernet medium
Primary system function	Connects directly to the IC697 backplane
Controlled acceptance duty	IC697 host communications

FIELD NOTE

Record the rack slot, AUI transceiver, media type, station parameters and loaded communication software before replacement.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	IC697CMM741 / IC697CMM741 recorded
Physical interface	IC697 CPU rack
Companion check	802.3-compatible AUI transceiver
Functional proof	Connects directly to the IC697 backplane
Application test	IC697 host communications

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed IC697 CPU rack and 802.3-compatible AUI transceiver against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended plc-to-plc ethernet messaging function and retain the final test result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	IC697CMM741
INSTALLED POSITION	Documented GE Fanuc Series 90-70 communications 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
GE IC670MDL330	Related industrial automation product	View GE IC670MDL330 page
GE IC670MDL331	Related industrial automation product	View GE IC670MDL331 page
GE IC670MDL241	Related industrial automation product	View GE IC670MDL241 page
GE IC670MDL240	Related industrial automation product	View GE IC670MDL240 page
Allen-Bradley 22B-D4P0N104	Related industrial automation product	View Allen-Bradley 22B-D4P0N104 page
GE IC670MDL233	Related industrial automation product	View GE IC670MDL233 page
GE IC670ALG621	Related industrial automation product	View GE IC670ALG621 page
GE IC670ALG630	Related industrial automation product	View GE IC670ALG630 page

SOURCE IDENTIFIERS

GE Fanuc official module data sheet
GFK-0532K; GFK-1005G

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