

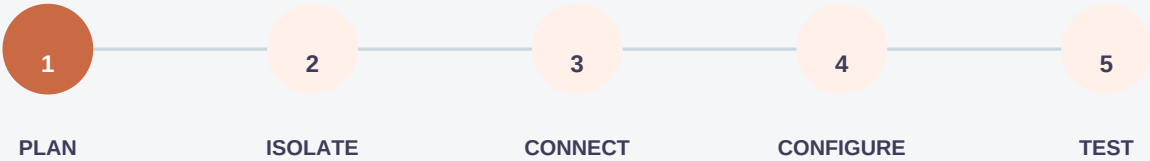
HE693SNP232A

Series 90-30 SNP-to-RS-232 Adapter

CONTROLLED ENGINEERING COPY

GE HE693SNP232A is an SNP-to-RS-232 adapter for the Series 90-30 PLC programmer port. It is powered by the PLC port and provides a 9-pin RS-232 connection for a straight-through PC/AT cable.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	HE693SNP232A
Manufacturer	General Electric
System family	GE Fanuc Series 90-30
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete HE693SNP232A marking and the documented Series 90-30 SNP-to-RS-232 Adapter execution.
- 2

Place the machine, controller and affected process in the approved maintenance state.
- 3

Isolate all hazardous energy and prove the safe state before disconnecting hardware.
- 4

Record the installed position, every terminal or port, and the active engineering configuration.
- 5

Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

MATCHED HARDWARE

- General Electric HE693SNP232A with complete article identity
- Matched GE Fanuc Series 90-30 host or connected equipment
- Documented power, signal and communication interfaces
- Approved configuration, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	HE693SNP232A recorded
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms converting the Series 90-30 SNP programmer interface to an RS-232 connection

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product designation	SNP-to-RS-232 adapter
PLC interface	15-pin SNP connector
Serial interface	9-pin RS-232 connector
Installation	Plugs directly into the PLC programmer port
Power source	PLC programming port
Maximum power demand	100 mA at 5 V DC
PC cable	Straight-through 1:1 PC/AT cable
RS-232 transmit data	Pin 2
RS-232 receive data	Pin 3
RS-232 signal ground	Pin 5
RS-232 clear to send	Pin 7
RS-232 request to send	Pin 8
SNP signals	Differential TXD, RXD, CTS and RTS pairs

RELATED PRODUCT PAGES

1 General Electric IC660BBR101

2 General Electric IC660BBS100

3 General Electric IC660BBS101

4 General Electric IC660BBS102

5 General Electric IC660BBS103

6 General Electric IC660BPM100

7 General Electric IC660CBB903

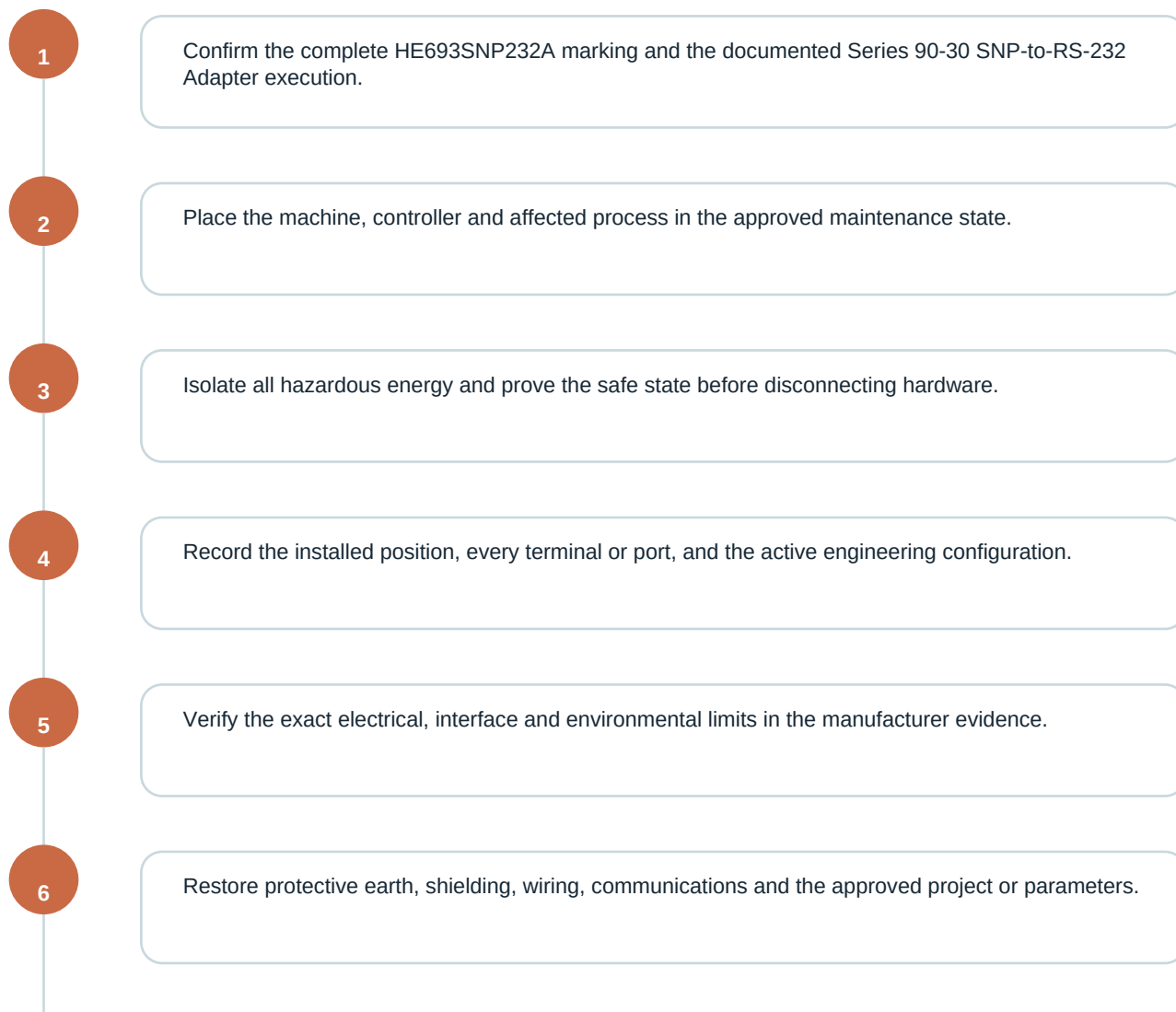
8 General Electric IC660HHM500

9 General Electric IC660HHM501

FIELD NOTE

Confirm HE693SNP232A, its exact GE Fanuc Series 90-30 host, power source, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	HE693SNP232A
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms converting the Series 90-30 SNP programmer interface to an RS-232 connection

04 RETURN-TO-SERVICE RECORD

- ☐ Verify the exact electrical, interface and environmental limits in the manufacturer evidence.
- ☐ Restore protective earth, shielding, wiring, communications and the approved project or parameters.
- ☐ Energize under control and review all device, rack, network and process diagnostics.
- ☐ Complete a controlled functional test of converting the Series 90-30 SNP programmer interface to an RS-232 connection before release.

VERIFICATION RECORD

PRODUCT IDENTITY	HE693SNP232A
INSTALLED POSITION	Documented GE Fanuc Series 90-30 position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify the exact electrical, interface and environmental limits in the manufacturer evidence.
- ☐ Restore protective earth, shielding, wiring, communications and the approved project or parameters.
- ☐ Energize under control and review all device, rack, network and process diagnostics.
- ☐ Complete a controlled functional test of converting the Series 90-30 SNP programmer interface to an RS-232 connection before release.

SOURCE IDENTIFIERS

Horner APG HE693SNP232 adapter data sheet MAN0079-06 and Series 90-30 CPU manual MAN0051 | Official manufacturer evidence verified 30 September 2026