

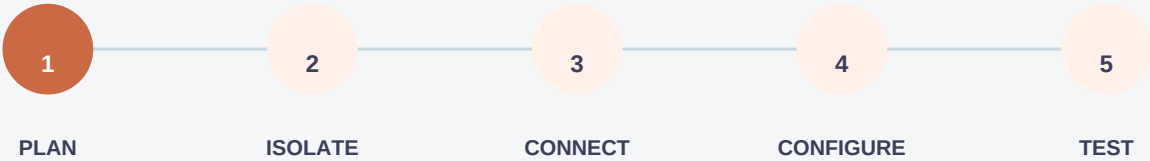
6GK7443-5DX05-0XE0

SIMATIC S7-400 CP 443-5 Extended PROFIBUS Processor

CONTROLLED ENGINEERING COPY

Siemens 6GK7443-5DX05-0XE0 is a CP 443-5 Extended communications processor that connects a SIMATIC S7-400 station to PROFIBUS DP. It supports S5-compatible, PG/OP and S7 communication services.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6GK7443-5DX05-0XE0
Manufacturer	Siemens
System family	SIMATIC S7-400 CP 443-5 Extended
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete 6GK7443-5DX05-0XE0 marking and the documented SIMATIC S7-400 CP 443-5 Extended PROFIBUS Processor 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

- Siemens 6GK7443-5DX05-0XE0 with complete article identity
- Matched SIMATIC S7-400 CP 443-5 Extended host or connected equipment
- Documented power, signal and communication interfaces
- Approved configuration, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6GK7443-5DX05-0XE0 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 PROFIBUS DP, S7, PG/OP and S5-compatible communication for a SIMATIC S7-400 station

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product designation	CP 443-5 Extended
Host system	SIMATIC S7-400
Fieldbus	PROFIBUS DP
PROFIBUS role	Communication processor
S7 communication	Supported
PG communication	Supported
OP communication	Supported
S5-compatible communication	Supported
Functional scope	Connection of S7-400 to configured PROFIBUS devices
Lifecycle status	Active product

RELATED PRODUCT PAGES

1

Siemens 6SL3100-0BE23-6AB0

2

Siemens
6SL3210-1PE31-8UL0-944434

3

Siemens 6SL3320-1TE33-1AA3

4

Siemens A5E45508683002

5

Siemens A5E45508681002

6

Siemens A5E00714562-106124

7

Siemens A5E02822120

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Siemens 6SL3120-1TE28-5AA3

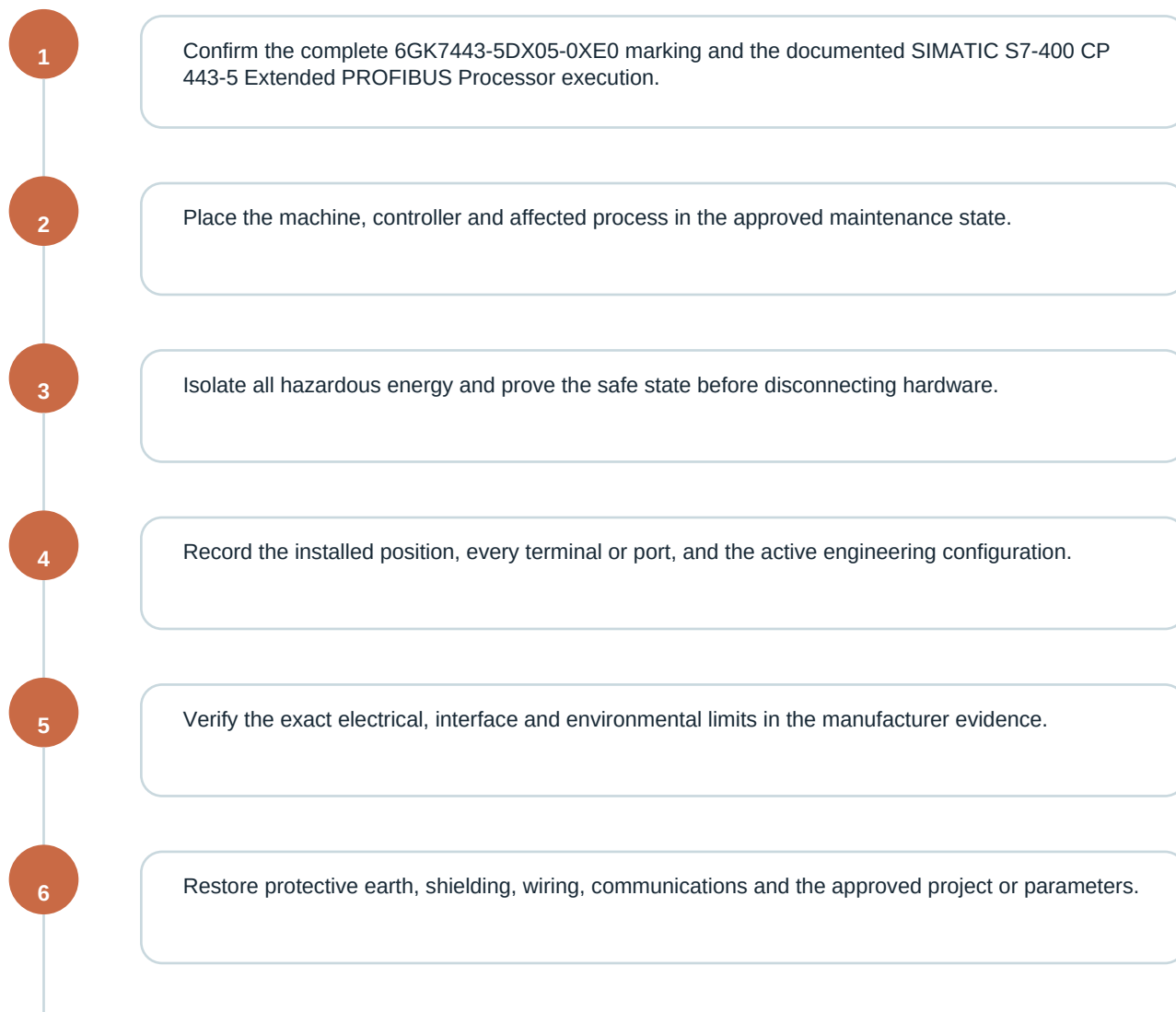
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Siemens 6SL3210-5BE22-2CV1

FIELD NOTE

Confirm 6GK7443-5DX05-0XE0, its exact SIMATIC S7-400 CP 443-5 Extended 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	6GK7443-5DX05-0XE0
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 PROFIBUS DP, S7, PG/OP and S5-compatible communication for a SIMATIC S7-400 station

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 PROFIBUS DP, S7, PG/OP and S5-compatible communication for a SIMATIC S7-400 station before release.

VERIFICATION RECORD

PRODUCT IDENTITY	6GK7443-5DX05-0XE0
INSTALLED POSITION	Documented SIMATIC S7-400 CP 443-5 Extended 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 PROFIBUS DP, S7, PG/OP and S5-compatible communication for a SIMATIC S7-400 station before release.

SOURCE IDENTIFIERS

Siemens SiePortal exact-article record for 6GK7443-5DX05-0XE0 | Official manufacturer evidence verified 28 September 2026