

APTER POWER INSTALLATION & VERIFICATION REFERENCE

6ES7414-2XG02-0AB0

A separate model-specific field checklist

Use this reference to verify the exact Siemens component before installation, substitution, or recommissioning. It intentionally does not repeat unconfirmed values.

Manufacturer	Siemens
Prepared by	Apter Power
Document ID	AP-SIE-07-6ES7414-2XG02-0AB0-IV-R1
Revision	R1
Issue date	2026-08-17

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Legacy continuity depends on a complete project baseline.

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SCAN FOR PRODUCT & QUOTE
6ES7414-2XG02-0AB0

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 6ES7414-2XG02-0AB0 to the physical label; record revision and serial data.
2	Host system	Confirm rack, slot, CPU/drive/controller, firmware, project, and machine-builder approval.
3	Electrical	Verify supply, signal type, channel limits, grounding, shielding, and connector pinout from the exact Siemens document.
4	Mechanical	Confirm form factor, keying, mounting, clearances, cable routing, and environmental limits.
5	Lifecycle	Siemens records the end of product lifecycle for 6ES7414-2XG02-0AB0 from 1 March 2012 and lists 6ES7414-2XL07-0AB0 as successor.
6	Commissioning	Apply the original test procedure and record results before returning the equipment to service.

Product-Specific Precautions

- Legacy identity: Record the CPU hardware version, firmware, memory card, and diagnostic buffer before removal
- Project backup: Preserve and test the original STEP 7 project and all communication parameters
- DP networks: Document addresses, baud rates, termination, shielding, and device versions
- Successor review: Do not treat 6ES7414-2XL07-0AB0 as plug-and-play without Siemens migration checks
- Commissioning: Retest I/O, communications, timing, interlocks, and machine safety after any CPU change

2. Commissioning Record

Record item	Site entry
Physical model / MLFB	
Serial or revision	
Host system / machine	
Rack / slot / location	
Firmware / project backup	
Connector and wiring verified	
Functional test result	
Technician / date	

Source Basis

Siemens S7-400 CPU/CP compatibility documentation and archived Siemens product data for complete article number 6ES7414-2XG02-0AB0:

https://support.industry.siemens.com/cs/attachments/26561772/Compatibility_List_S7400_IE_CPs_V17_e.pdf

Important Notice

This Apter Power checklist is not a Siemens installation instruction. The current Siemens documentation, the physical nameplate, the host-equipment manual, and applicable safety rules control all work.

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