

APTER POWER INSTALLATION & VERIFICATION REFERENCE

6ES7318-3EL00-0AB0

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-07-6ES7318-3EL00-0AB0-IV-R1
Revision	R1
Issue date	2026-08-17

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

A three-interface legacy CPU deserves a three-layer verification plan.

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



SCAN FOR PRODUCT & QUOTE
6ES7318-3EL00-0AB0

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 6ES7318-3EL00-0AB0 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 marks 6ES7318-3EL00-0AB0 at end of product lifecycle and identifies 6ES7318-3EL01-0AB0 as its successor.
6	Commissioning	Apply the original test procedure and record results before returning the equipment to service.

Product-Specific Precautions

- Successor review: Do not treat 6ES7318-3EL01-0AB0 as a plug-and-play replacement without Siemens migration guidance
- Firmware/project: Preserve the original STEP 7 project, CPU firmware details, and diagnostic buffer
- Memory: Control the Micro Memory Card and validate its contents before moving it to another CPU
- Networks: Record both DP configurations, PROFINET names/IP settings, topology, and timing parameters
- Commissioning: Perform complete I/O, communication, performance, and machine-safety testing 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 SiePortal product detail and Siemens support documentation for complete article number 6ES7318-3EL00-0AB0: <https://sieportal.siemens.com/en-ww/products-services/detail/6ES7318-3EL00-0AB0>

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.

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

A three-interface legacy CPU deserves a three-layer verification plan.

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



SCAN FOR PRODUCT & QUOTE

6ES7318-3EL00-0AB0