

APTER POWER INSTALLATION & VERIFICATION REFERENCE

6ES7512-1CK01-0AB0

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
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Compact S7-1500 control with integrated mixed I/O and motion signals.

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SCAN FOR PRODUCT & QUOTE
6ES7512-1CK01-0AB0

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 6ES7512-1CK01-0AB0 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 lists 6ES7512-1CK01-0AB0 in PM400 product phase-out status, effective 1 October 2025.
6	Commissioning	Apply the original test procedure and record results before returning the equipment to service.

Product-Specific Precautions

- Memory card: Install the required SIMATIC Memory Card and preserve a verified project backup
- TIA Portal: Match CPU hardware, firmware, catalog entry, technology objects, and device configuration
- Integrated I/O: Verify voltage, current, analog range, counter, and pulse-output terminal assignments
- PROFINET: Preserve names, IP settings, topology, update times, and replacement-device behavior
- Commissioning: Test I/O, counters, PTO/PWM, communications, interlocks, and machine safety

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 Industry Mall product record for 6ES7512-1CK01-0AB0:

<https://mall.industry.siemens.com/mall/en/oeii/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7512-1CK01-0AB0>

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.

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