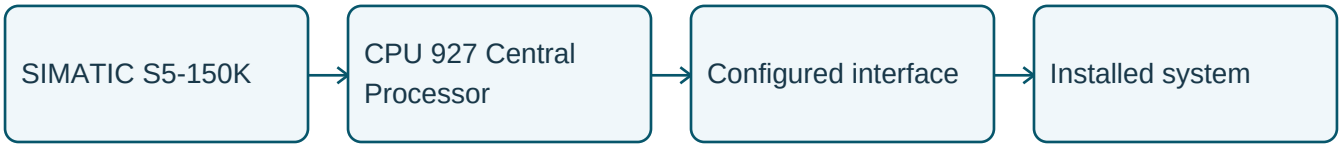
6ES5927-3KA13

01 / System identity and preparation

Siemens 6ES5927-3KA13 is a CPU 927 central processor for the SIMATIC S5-150K controller. It belongs to the central-controller configuration and must be selected by the complete order code. The CPU identity defines the intended legacy control platform; it does not make other CPU 927 executions interchangeable.



Preparation priorities

CPU identification	Match the complete 6ES5927-3KA13 code and fitted CPU revision.
Controller configuration	Compare the CPU with the installed S5-150K central controller and its associated modules.

Guide boundary

This Apter Power guide organizes preparation and acceptance checks. Apply the manufacturer instructions and approved site procedure for detailed wiring, mounting, configuration and functional testing.

Application boundary

The confirmed facts identify CPU 927 for S5-150K. Memory capacity, execution speed and electrical limits are configuration-specific and are not assigned here.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Configuration review before service

CPU identification	Match the complete 6ES5927-3KA13 code and fitted CPU revision.
Controller configuration	Compare the CPU with the installed S5-150K central controller and its associated modules.
Program preservation	Retain the approved application, memory-device identities and configuration records before service.
Startup verification	Verify startup, diagnostics and affected I/O functions after the approved program and configuration are restored.

CPU identification

Match the complete 6ES5927-3KA13 code and fitted CPU revision.

Controller configuration

Compare the CPU with the installed S5-150K central controller and its associated modules.

Configured system behavior

The replacement assessment should retain the installed S5-150K configuration, CPU hardware identification and the original application program. Record the memory components and other modules associated with the controller before removing the CPU. Program storage, firmware and system settings must be matched to the actual fitted hardware rather than inferred from a partial model name.

Mismatch decision

Resolve a different catalog marking, interface, software requirement or installed configuration before proceeding. Physical similarity alone does not establish an approved replacement.

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03 / Hardware and interface checks

Program preservation

Retain the approved application, memory-device identities and configuration records before service.

Startup verification

Verify startup, diagnostics and affected I/O functions after the approved program and configuration are restored.

Key hardware references

Controller application	S5-150K central controller
Component role	Central processing module

Configuration and service context

Returning the controller to service requires more than installing a physically matching board. Restore the approved application and configuration, check the controller startup and diagnostic state, and verify the affected input/output behavior under the site procedure. Any modernization to a different controller family needs a separate review of software, interfaces and machine functions.

Preserve the connection record

Photograph and label the affected connections before disconnection. Retain the original routing, module positions and identification with the work order, and compare the restored installation against that record.

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04 / Commissioning and diagnostic decisions

Protect the hardware

Use the applicable isolation and electrostatic-discharge controls. Preserve connectors, identification and mechanical retention during handling.

Verify the restored function

Apply the approved site acceptance procedure and compare actual behavior with the recorded system configuration before returning equipment to service.

Acceptance checkpoints

Before energization	Compare the CPU with the installed S5-150K central controller and its associated modules.
Configuration review	Retain the approved application, memory-device identities and configuration records before service.
Functional release	Verify startup, diagnostics and affected I/O functions after the approved program and configuration are restored.

Does a newer SIMATIC controller directly replace 6ES5927-3KA13?

A controller-family migration requires a separate software, interface and machine-function assessment.

Abnormal result

If diagnostics, communication or functional response differ from the approved baseline, stop the release and resolve the configuration or installation issue. Do not bypass an interlock or protective function to obtain a passing test.

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05 / Service record and technical references

Lifecycle and support

The manufacturer lifecycle phase is End of Product Lifecycle. Plan service and any replacement around the complete installed configuration.

Technical basis

Siemens 6ES5927-3KA13 product information.

Applicability

The confirmed facts identify CPU 927 for S5-150K. Memory capacity, execution speed and electrical limits are configuration-specific and are not assigned here.

Related portfolio references

Siemens 6ES5526-3LF01

Siemens 6DD1688-0AE0

Siemens 6DD1640-0AD0

Navigation only. These listings are not confirmed replacements, compatible accessories or included items.

Handover record

Retain the complete fitted marking, hardware/software revision where applicable, connection record and accepted test results. Confirm separate accessories and documents in the quotation.

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