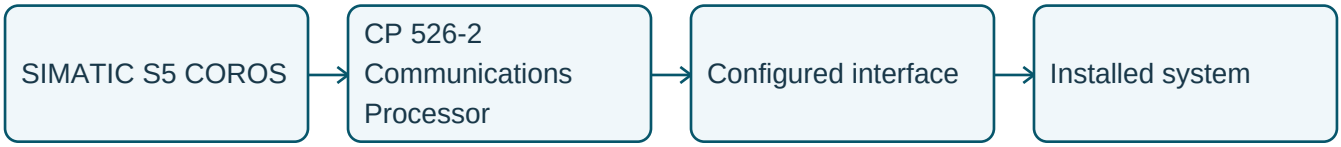
6ES5526-3LF01

01 / System identity and preparation

Siemens 6ES5526-3LF01 is the CP 526-2 communications processor execution for a forced-ventilated basic unit, S5-DOS and monochrome monitors. It provides the operator-control and process-visualization interface in a compatible SIMATIC S5 installation. The monochrome and ventilation designations are part of this exact execution and must be preserved when selecting a service unit.



Preparation priorities

Execution identity	Match 6ES5526-3LF01 and the monochrome CP 526-2 execution, including fitted memory and any expansion board.
Operator interface	Check the compatible SIMATIC S5 controller, monochrome monitor and process keyboard as a complete configured interface.

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 exact order code establishes the monochrome, forced-ventilated S5-DOS execution. CP 526 platform functions require the installed project and matching peripheral hardware.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Configuration review before service

Execution identity	Match 6ES5526-3LF01 and the monochrome CP 526-2 execution, including fitted memory and any expansion board.
Operator interface	Check the compatible SIMATIC S5 controller, monochrome monitor and process keyboard as a complete configured interface.
Ventilation and cabling	Preserve the required basic-unit forced ventilation and the original monitor and keyboard connections.
Visualization acceptance	Restore the approved project and verify process displays, data exchange and authorized operator inputs.

Execution identity

Match 6ES5526-3LF01 and the monochrome CP 526-2 execution, including fitted memory and any expansion board.

Operator interface

Check the compatible SIMATIC S5 controller, monochrome monitor and process keyboard as a complete configured interface.

Configured system behavior

In the CP 526 platform, the processor, monitor and process keyboard form the operator interface. Configured displays present process information, and keyboard operation can call up stored displays or enter setpoints through the engineered application. Configuration work uses the corresponding SIMATIC programming environment and project data; the display functions depend on the installed application and associated hardware.

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

Ventilation and cabling

Preserve the required basic-unit forced ventilation and the original monitor and keyboard connections.

Visualization acceptance

Restore the approved project and verify process displays, data exchange and authorized operator inputs.

Key hardware references

Display execution	Monochrome monitor
Basic-unit cooling	Forced ventilation
Configuration environment	S5-DOS
Function	Operator control and process visualization

Configuration and service context

Service preparation should capture the configured display project, program interfaces, monitor connection and fitted memory or expansion hardware. Keep forced ventilation effective in the applicable basic unit, and compare the monochrome display and keyboard connections before reconnecting the processor. After replacement, verify process indications and authorized operator commands against the original application.

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	Check the compatible SIMATIC S5 controller, monochrome monitor and process keyboard as a complete configured interface.
Configuration review	Preserve the required basic-unit forced ventilation and the original monitor and keyboard connections.
Functional release	Restore the approved project and verify process displays, data exchange and authorized operator inputs.

What confirms successful commissioning of 6ES5526-3LF01?

Verify the configured process indications, data exchange and authorized operator commands with the restored application.

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 6ES5526-3LF01 product information; COROS Communications Processor CP 526 Manual, C79000-B8576-C217-01.

Applicability

The exact order code establishes the monochrome, forced-ventilated S5-DOS execution. CP 526 platform functions require the installed project and matching peripheral hardware.

Related portfolio references

Siemens 6ES5927-3KA13

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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