

Siemens 6ES5314-3UA11

Interface Module / Identity and product role

Siemens 6ES5314-3UA11 is an IM 314 interface module installed in an expansion unit for a decentralized SIMATIC S5 connection up to 600 m.

Product designation	IM 314 interface module
Order number	6ES5314-3UA11
Installation side	Expansion unit
Connection type	Decentralized SIMATIC S5 connection
Documented distance	Up to 600 m
Lifecycle	End of product lifecycle
Supply status	Spare part

MODEL-SPECIFIC POINT

IM 314 expansion-unit interface

MODEL-SPECIFIC POINT

Decentralized S5 connection

MODEL-SPECIFIC POINT

Up to 600 m documented distance

MODEL-SPECIFIC POINT

Exact spare-part configuration

Important Notice: Preserve the complete IM 314 link record and verify both ends of the decentralized connection before returning 6ES5314-3UA11 to service.

IDENTITY CONTROL

Match the complete order number and manufacturer record before any service or selection decision.

PARAMETER CONTROL

Compare every published channel, signal, electrical and mechanical characteristic for this exact suffix.

CONFIGURATION CONTROL

Retain the rack position, address, wiring record and installed-system project evidence.

RELEASE CONTROL

Return the equipment to service only after diagnostics and the intended field function are witnessed.

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Interface Module / System integration and applications

The IM 314 occupies the expansion-unit side of the documented decentralized connection. Cable route, counterpart interface, termination and rack assignment remain system-engineering decisions.

Distributed S5 expansion

Links an expansion unit into a documented decentralized S5 arrangement.

Long cabinet separation

Supports the published connection distance when the complete interface path is retained.

Rack interface renewal

Restores the exact IM 314 position during controlled maintenance.

Legacy architecture support

Maintains the installed rack and cable topology without redesign assumptions.

Additional manufacturer data

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VERIFIED RELATED SIEMENS PRODUCTS

Catalog references only; no compatibility, replacement or substitution is implied.

- 01 Siemens 6AV2124-0JC01-0AX0
- 02 Siemens 6AV2124-0MC01-0AX0

ENGINEERING BOUNDARY

Applications describe the installed-system role; they do not prove interchangeability with another suffix.

SELECTION EVIDENCE

Use the exact Siemens record together with the installed drawing, project backup and field wiring schedule.

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Interface Module / Installation and commissioning workflow

01 / CONTROLLED STEP

Confirm the complete Siemens 6ES5314-3UA11 marking and installed-system record before work.

02 / CONTROLLED STEP

Place the connected process or machine in its approved maintenance state.

03 / CONTROLLED STEP

Isolate and verify every applicable power, signal and field circuit before disconnection.

04 / CONTROLLED STEP

Record the slot, terminal, address, cable, connector and companion-hardware identities that apply.

05 / CONTROLLED STEP

Use grounded ESD controls and protect keyed interfaces, terminals and circuit boards from damage.

06 / CONTROLLED STEP

Retain the documented voltage, signal type, isolation, grounding and cable-routing arrangement.

Release gate

Restore power in the approved sequence and review all relevant diagnostics. Prove the intended field, interface or operator response and retain the acceptance record.

Configuration data to retain

Exact identity	6ES5314-3UA11
Installed function	Interface Module
System position	Record rack, slot and project address before removal
Field interface	Record terminal, conductor, signal mode and reference arrangement
Acceptance evidence	Retain diagnostics and the witnessed functional result

PRE-ENERGIZATION CHECK

Confirm identity, seating, wiring, signal references and every applicable protective device.

FUNCTIONAL ACCEPTANCE

Review diagnostics, prove the intended response and record the witnessed result before release.

VERIFIED SIEMENS CATALOG REFERENCES

Catalog references only; no compatibility, replacement or substitution is implied.

01 Siemens 6ES7195-7HF80-0XA0

02 Siemens 6ES7954-8LC02-0AA0

Siemens 6ES5314-3UA11

Interface Module / Model-specific decisions

What identifies Siemens 6ES5314-3UA11?

6ES5314-3UA11 is the exact Siemens interface module described in the manufacturer product record.

What must be recorded before removing Siemens 6ES5314-3UA11?

Record the complete order number, installed position, wiring or interface assignments and the controlled project reference before removal.

How should Siemens 6ES5314-3UA11 be installed?

Use the documented SIMATIC position, approved cabinet practices and the installation record for the exact unit; isolate all applicable energy before work.

Can Siemens 6ES5314-3UA11 be replaced by a similar model automatically?

No. Verify the full order number and every published electrical, mechanical and project-dependent characteristic before any substitution.

Which function is documented for Siemens 6ES5314-3UA11?

It is an IM 314 interface module installed in an expansion unit for a decentralized SIMATIC S5 connection up to 600 m.

Why is the complete 6ES5314-3UA11 suffix important?

Nearby family members can differ in channel arrangement, signal level, mechanics or system role; compare the full order number rather than the family prefix.

Which commissioning check applies to Siemens 6ES5314-3UA11?

Restore the recorded configuration, then prove the intended signal, interface or operator function under controlled conditions before release.

What service evidence should be retained for Siemens 6ES5314-3UA11?

Keep the installed-system record, wiring or configuration backup, inspection results and final functional acceptance with the maintenance history.

ADDITIONAL VERIFIED SIEMENS PRODUCTS

Catalog references only; no compatibility, replacement or substitution is implied.

01 Siemens 6DD1642-0BC0

02 Siemens 6DD1606-4AB0

Acceptance record

The final record identifies the exact model, installed position, restored wiring or project data, diagnostic state and witnessed functional result.

Identity decision	Full Siemens order number matches the installed record
Configuration decision	Rack, address, signal mode and project data are restored
Diagnostic decision	Relevant module and system diagnostics are reviewed
Release decision	The intended field or operator response is witnessed

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Interface Module / Evidence and support

EVIDENCE BOUNDARY

The exact Siemens record supports the product identity and stated characteristics; nearby suffixes are not used as substitutes.

DOCUMENT USE

Use this document with the installed-system drawing, project backup and controlled maintenance procedure for the actual installation.

Exact identity matrix

Manufacturer	Siemens
Exact order number	6ES5314-3UA11
Product type	Interface Module
Product line	Siemens Simatic S5
Automation category	PLC Systems
Evidence basis	Exact Siemens product record

MORE VERIFIED SIEMENS PRODUCTS

Catalog references only; no compatibility, replacement or substitution is implied.

01 Siemens 6AV2123-2DB03-0AX0

02 Siemens 6AV2124-0GC01-0AX0

MANUFACTURER SOURCE

Siemens SiePortal product record for 6ES5314-3UA11

Source identity retained for technical traceability; no external link is embedded.

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