

01 Readiness and operating boundary

Siemens 6ES5300-3AB11 is a SIMATIC S5 IM300-3 central-controller interface module for centralized connection of EU 183U or EU 185U I/O expansion units through an IM312-3 interface.

Confirm exact identity

Confirm the complete Siemens 6ES5300-3AB11 marking before work.

Exact article	6ES5300-3AB11
Interface type	IM300-3
Configuration	Centralized

Establish the safe work boundary

Place the controller and every connected expansion circuit in the approved maintenance state.

Identity	6ES5300-3AB11
Host	SIMATIC S5
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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6ES5300-3AB11

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02 Configuration and interface setup

Siemens 6ES5300-3AB11 provides the IM300-3 controller-side interface for a centralized SIMATIC S5 expansion path serving EU 183U or EU 185U I/O units.

Record the as-found configuration

Record the central-controller slot and paired IM312-3 position.

Interface type	IM300-3
Configuration	Centralized
Installed side	Central controller

Map connections and settings

Photograph the fixed cable route and final termination before removal.

Identity	6ES5300-3AB11
Host	SIMATIC S5
Acceptance	Diagnostics and functional response

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03 Installation and service sequence

Siemens 6ES5300-3AB11 provides the IM300-3 controller-side interface for a centralized SIMATIC S5 expansion path serving EU 183U or EU 185U I/O units.

Restore the documented assembly

Verify the receiving unit is the documented EU 183U or EU 185U I/O arrangement.

Configuration	Centralized
Installed side	Central controller
Expansion units	EU 183U / EU 185U with I/O modules only

Protect every interface

Keep the complete interface path to the final expansion unit within 2 m.

Identity	6ES5300-3AB11
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04 Verification and fault isolation

Siemens 6ES5300-3AB11 provides the IM300-3 controller-side interface for a centralized SIMATIC S5 expansion path serving EU 183U or EU 185U I/O units.

Verify the installed function

Review controller and expansion-unit diagnostics after energization.

Installed side	Central controller
Expansion units	EU 183U / EU 185U with I/O modules only
Expansion-side interface	IM312-3

Isolate unexpected response

Functionally verify every affected I/O point before service release.

Identity	6ES5300-3AB11
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Acceptance	Diagnostics and functional response

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5 05 Acceptance and service handover

Siemens 6ES5300-3AB11 provides the IM300-3 controller-side interface for a centralized SIMATIC S5 expansion path serving EU 183U or EU 185U I/O units.

Complete the release record

Confirm the complete Siemens 6ES5300-3AB11 marking before work.

Exact article	6ES5300-3AB11
Interface type	IM300-3
Configuration	Centralized

Retain acceptance evidence

Place the controller and every connected expansion circuit in the approved maintenance state.

Identity	6ES5300-3AB11
Host	SIMATIC S5
Acceptance	Diagnostics and functional response

Siemens 6ES5947-3UA22

Siemens 6ES5948-3UA11

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