

Product dashboard

Siemens 6ES5312-3AB32 is a SIMATIC S5 IM312-3 expansion-unit interface module with a permanently connected 0.95 m cable for centralized I/O expansion.

Exact model
6ES5312-3AB32

Product type
IM312-3 Expansion-Unit
Interface Module

System family
SIMATIC S5

Functional role
Interface Module

PARAMETER	DOCUMENTED VALUE
Exact article	6ES5312-3AB32
Product family	SIMATIC S5
Interface type	IM312-3
Configuration	Centralized
Installed side	Expansion unit
Expansion units	EU 183U / EU 185U with I/O modules
Controller-side interface	IM300-3 6ES5300-3AB11
Connecting cable	Permanently connected

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

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6ES5312-3AB32

System overview

Siemens 6ES5312-3AB32 carries the centralized SIMATIC S5 bus into an EU 183U or EU 185U expansion unit while preserving the controller-side IM300-3 pairing.

- Centralized S5 expansion**

Carries the controller interface into an EU 183U or EU 185U.
- Fixed-cable replacement**

Restores the exact 0.95 m AB3X cable execution.
- Legacy rack maintenance**

Preserves the IM300-3 and IM312-3 pairing and termination.
- I/O path verification**

Checks the interface chain and every affected expansion-unit signal.

SYSTEM POSITION	RECORD
Installed identity	6ES5312-3AB32
Host relationship	SIMATIC S5
Controlled function	It is the IM312-3 expansion-unit interface for a centralized SIMATIC S5 connection to an EU 183U or EU 185U.

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Technical data map

PARAMETER	VERIFIED VALUE
Exact article	6ES5312-3AB32
Product family	SIMATIC S5
Interface type	IM312-3
Configuration	Centralized
Installed side	Expansion unit
Expansion units	EU 183U / EU 185U with I/O modules
Controller-side interface	IM300-3 6ES5300-3AB11
Connecting cable	Permanently connected
Cable length	0.95 m for the 6ES5312-3AB3X execution
Maximum centralized path	2 m to the final expansion-unit interface
Expansion count	Up to four expansion units per IM300-3
Final-line termination	6ES5760-0AB11 on the last IM312-3
Indicators and controls	None on the IM312

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	It is the IM312-3 expansion-unit interface for a centralized SIMATIC S5 connection to an EU 183U or EU 185U.

Technical evidence record: Siemens SIMATIC S5 System Manual C79000-G8576-C199-07, page 2-4 and pages 7-2 through 7-4;

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Applications and precautions

1

Confirm the complete Siemens 6ES5312-3AB32 marking before work.

2

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

3

Record the expansion-unit slot and paired IM300-3 position.

4

Protect the permanently connected 0.95 m cable from twisting, crushing or extension.

5

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

6

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

7

Retain the specified terminator on the final IM312-3 position.

8

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

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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Buyer and engineering FAQ

Which system role does Siemens 6ES5312-3AB32 perform?

Siemens 6ES5312-3AB32 provides the IM312-3 interface on the expansion-unit side of a centralized SIMATIC S5 connection.

Where is Siemens 6ES5312-3AB32 installed in the centralized chain?

The module is installed in the EU 183U or EU 185U expansion unit.

Which controller-side interface pairs with Siemens 6ES5312-3AB32?

The documented controller-side counterpart is IM300-3 6ES5300-3AB11.

What fixed cable length belongs to Siemens 6ES5312-3AB32?

The AB3X execution has a permanently connected 0.95 m cable.

Related Apter Power pages

[Siemens 6ES5312-3AB31](#)

[Siemens 6ES5312-5CA11](#)

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