

APTER POWER PRODUCT MANUAL

6ES7315-2EH13-0AB0

SIMATIC S7-300 CPU 315-2 PN/DP

The Siemens 6ES7315-2EH13-0AB0 is a SIMATIC S7-300 CPU 315-2 PN/DP with 256 kbyte working memory. It executes the user program and connects the controller through an MPI/PROFIBUS DP interface and a separate Ethernet PROFINET interface.

The CPU coordinates central and distributed I/O, network communications, and machine or process logic and requires a SIMATIC Micro Memory Card for operation.

Manufacturer	Siemens
Prepared by	Apter Power
Document ID	AP-SIE-28-6ES7315-2EH13-0AB0-PM-R1
Revision	R1
Issue date	2026-08-14

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

One S7-300 CPU Bridges MPI, PROFIBUS, and PROFINET Logic.

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SCAN FOR PRODUCT & QUOTE
6ES7315-2EH13-0AB0

1. Product Overview and Identity

The Siemens 6ES7315-2EH13-0AB0 is a SIMATIC S7-300 CPU 315-2 PN/DP with 256 kbyte working memory. It executes the user program and connects the controller through an MPI/PROFIBUS DP interface and a separate Ethernet PROFINET interface.

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Model Configuration

Field	Verified information
Complete model	6ES7315-2EH13-0AB0
Manufacturer	Siemens
Product description	SIMATIC S7-300 CPU 315-2 PN/DP

Key Features

- Exact 6ES7315-2EH13-0AB0 identity retained
- Manufacturer-source data separated from unconfirmed values
- 315-2 PN/DP
- System context: SIMATIC S7-300
- Model-specific lifecycle and installation guidance

2. Technical Specifications

Only manufacturer-confirmed information is stated. Values absent from the named Siemens source are marked for nameplate or document verification.

Parameter	Verified value
CPU	315-2 PN/DP
Working memory	256 kbyte
First interface	MPI/PROFIBUS DP, up to 12 Mbit/s
Second interface	Ethernet PROFINET
Memory card	SIMATIC Micro Memory Card required
Supply	24 V DC; 20.4 to 28.8 V
Firmware	V2.6 in the referenced data sheet
Engineering	STEP 7 V5.4 SP2 or compatible documented version

Verification Note

Use the complete 6ES7315-2EH13-0AB0 identifier. Siemens identifies 6ES7315-2EH13-0AB0 as a spare part. Confirm service and successor status before ordering. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The CPU coordinates central and distributed I/O, network communications, and machine or process logic and requires a SIMATIC Micro Memory Card for operation.
- Maintains the documented SIMATIC S7-300 system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Machine controllers	Execute deterministic sequence and interlock logic.
Distributed automation	Coordinate PROFIBUS DP and PROFINET field devices.
S7-300 service	Restore a verified CPU with the original Micro Memory Card and project.

Compatible Components

- SIMATIC S7-300 rack, modules, and power supply configured in STEP 7
- PROFIBUS/MPI and PROFINET devices recorded in the project
- SIMATIC Micro Memory Card with suitable capacity and project content

Lifecycle Status

Siemens identifies 6ES7315-2EH13-0AB0 as a spare part. Confirm service and successor status before ordering.

4. Installation Precautions

- Back up the STEP 7 project and memory card
- Record MPI, PROFIBUS, PROFINET, and IP parameters
- Verify firmware and hardware revision
- Use a compatible Micro Memory Card
- Commission networks before releasing outputs

STOP - Verify before installation

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Use the physical nameplate and current Siemens documents as the controlling records.

5. Official Source and Use Notice

Official source

Siemens technical data sheet for 6ES7315-2EH13-0AB0.

Apter Power product page

<https://www.apterpower.com/Siemens/6ES7315-2EH13-0AB0>

Use Notice

This is an original Apter Power product-specific reference prepared from the Siemens source named above. It is not a Siemens publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and quotation details, visit www.apterpower.com or contact sales13@apterpower.com.