

SIPLUS S7-300

Installation Instructions

6AG1315-2EH14-2AY0

CPU 315-2 PN/DP

MEMORY	NETWORK	TEMPERATURE	WEIGHT
384 KB	PN + DP	-25 to 60 C	0.460 kg

Prepared from the exact Siemens product record and the applicable official Siemens manual. This guide does not replace the current controlled manufacturer instructions.

01 PRODUCT VERIFICATION

Article number	6AG1315-2EH14-2AY0
Product	CPU 315-2 PN/DP
Family	SIPLUS S7-300
Product type	SIPLUS S7-300 CPU 315-2 PN/DP
Base product	6ES7315-2EH14-0AB0
Work memory	384 KB
Interface 1	MPI/PROFIBUS DP, up to 12 Mbps

02 BEFORE INSTALLATION

- Back up the STEP 7 project, hardware configuration and Micro Memory Card data before replacing the CPU.
- Install the CPU on the S7-300 mounting rail and maintain the clearances stated in the Siemens installation manual.

03 INSTALLATION SCHEMATIC

Functional installation reference - not to scale. Confirm final wiring and dimensions in the Siemens manual.



04 INSTALLATION SEQUENCE

01	Back up the STEP 7 project, hardware configuration and Micro Memory Card data before replacing the CPU.
02	Install the CPU on the S7-300 mounting rail and maintain the clearances stated in the Siemens installation manual.
03	Connect protective earth, 24 V DC, MPI/DP and PROFINET cabling with the station isolated from power.
04	Verify slot order, network addresses, termination, firmware and memory-card contents before returning the station to service.

05 PRE-ENERGIZATION REVIEW

- ☐ Exact article number and configured system verified
- ☐ Mounting, clearances and environmental limits checked
- ☐ Protective earth, supply and communication wiring inspected
- ☐ Current Siemens manual and commissioning record retained

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OFFICIAL DOCUMENTATION

S7-300 CPU 31xC and CPU 31x Installation Operating Instructions (A5E00105492-08)

[Open current Siemens manual](#)

[Open Siemens exact product record](#)

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TECHNICAL HANDOVER

Record the installed article number, firmware or parameter set where applicable, network addresses, terminal connections, protective-device settings and functional test results. Retain the current controlled Siemens documentation with the machine file.

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SUPPORT CONTACT

AMIKON PRODUCT SUPPORT

Amikon Limited

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM

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