

SIMATIC S7-300 AUTOMATION SYSTEMS

Product Data Sheet

6ES7315-2AH14-0AB0

CPU 315-2 DP central processor

FUNCTION	FAMILY	ORIGIN	WEIGHT
CPU 315-2 DP central processor	SIMATIC S7-300 automation systems	Germany	Confirm before dispatch

S7-300 6ES7315-2AH14-0AB0 is a CPU 315-2 DP central processor for the SIMATIC S7-300 automation systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	6ES7315-2AH14-0AB0
Product Class	Cpu 315-2 Dp Central Processor
Product Family	SIMATIC S7-300 automation systems
HW functional status	01
Firmware version	V3.3
Programming package	STEP 7 V5.5 + SP1 or higher or STEP 7 V5.2 + SP1 or higher with HSP 218
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
external protection for power supply lines (recommendation)	2 A min.
Mains/voltage failure stored energy time	5 ms

Repeat rate, min.	1 s
Current consumption (rated value)	850 mA
Current consumption (in no-load operation), typ.	150 mA
Inrush current, typ.	3.5 A
I^2t	1 A ² ·s

- Packaging and assembly machine control with CPU 315-2 DP: Machine sequence coordination ■ CPU 315-2 DP packaging conveyor sequence control ■ CPU 315-2 DP machine permissive signal handling
- Pumping stations and treatment skids with CPU 315-2 DP: Utility process coordination ■ CPU 315-2 DP lift-station pump duty rotation ■ CPU 315-2 DP treatment skid alarm coordination
- Assembly cells and conveyor zones with CPU 315-2 DP: Cell sequence control ■ CPU 315-2 DP assembly fixture cycle sequencing ■ CPU 315-2 DP conveyor zone interlock control

Match 6ES7315-2AH14-0AB0 to the installed SIMATIC S7-300 automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

Manufacturer official product documentation

<https://support.industry.siemens.com/>

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