SIMATIC S7-300

Product Data Sheet

6ES7314-1AE04-0AB0

CPU 314 central processing unit

FUNCTION	FAMILY	ORIGIN	WEIGHT
CPU 314 central processing unit	**SIMATIC S7-300**	**Germany**	**Confirm with quotation**

Siemens 6ES7314-1AE04-0AB0 is a modular programmable controller CPU for the SIMATIC S7-300. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

CPU designation	CPU 314
Supply voltage	24 V DC
Work memory	24 kB
Load memory	Maximum 4 MB FEPROM
Integrated RAM	Maximum 40 kB
Bit execution time	Typical 0.3 µs
Word execution time	Typical 1 µs
Floating-point time	Typical 50 µs
Power loss	Typical 8 W
Backup	Battery and battery-free areas

02 ADDITIONAL PRODUCT DATA

03 OFFICIAL APPLICATIONS

- Industrial Manufacturing
- Water Treatment
- Power Generation

04 SYSTEM COMPATIBILITY

Match 6ES7314-1AE04-0AB0 to the installed SIMATIC S7-300, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens technical documentation for 6ES7314-1AE04-0AB0

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

AMIKON PRODUCT SUPPORT

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