

SIMATIC S7-1500 AUTOMATION SYSTEMS

Product Data Sheet

6ES7516-3UN00-0AB0

central processing unit module

FUNCTION	FAMILY	ORIGIN	WEIGHT
central processing unit module	SIMATIC S7-1500 automation systems	Germany	2.092 kg

S7-1500 6ES7516-3UN00-0AB0 is a central processing unit module for the SIMATIC S7-1500 automation systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

HW functional status	FS11
Firmware version	V3.1
Rated value (DC)	24 V
Screen diagonal [cm]	6.1 cm
Number of keys	6
integrated (for program)	3 Mbyte
integrated (for data)	7.5 Mbyte
Number of ports	2
Interface types Number of ports	1
horizontal installation, min.	0 °C

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Execute deterministic automation sequences: Use 6ES7516-3UN00-0AB0 for cyclic logic, program execution and distributed I/O coordination in the documented SIMATIC S7-1500 automation systems. Preserve the approved hardware configuration and program backup.
- Connect configured PROFINET or PROFIBUS devices: Maintain the documented network names, addresses, topology and controller interfaces assigned to 6ES7516-3UN00-0AB0. Validate reachable devices before enabling controlled equipment.
- Restore the controller project safely: Load the approved project to 6ES7516-3UN00-0AB0, review diagnostics and test interlocks, I/O updates, alarms and commanded sequences before returning the plant section to service.

SYSTEM COMPATIBILITY

Match 6ES7516-3UN00-0AB0 to the installed SIMATIC S7-1500 automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7516-3UN00-0AB0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM