

SIMATIC AUTOMATION SYSTEMS

# Product Data Sheet

**6ES7516-3AN01-0AB0**

central processing unit module

|                                |                            |         |          |
|--------------------------------|----------------------------|---------|----------|
| FUNCTION                       | FAMILY                     | ORIGIN  | WEIGHT   |
| central processing unit module | SIMATIC automation systems | Germany | 0.907 kg |

Siemens SIMATIC S7 6ES7516-3AN01-0AB0 is a central processing unit module for the SIMATIC automation systems. The values below are limited to the exact documented article.

01

## VERIFIED TECHNICAL DATA

|                                 |         |
|---------------------------------|---------|
| HW functional status            | FS03    |
| Firmware version                | V2.9    |
| Rated value (DC)                | 24 V    |
| Screen diagonal [cm]            | 6.1 cm  |
| Number of keys                  | 6       |
| integrated (for program)        | 1 Mbyte |
| integrated (for data)           | 5 Mbyte |
| Number of ports                 | 2       |
| Interface types Number of ports | 1       |
| horizontal installation, min.   | 0 °C    |

- Execute deterministic automation sequences: Use 6ES7516-3AN01-0AB0 for cyclic logic, program execution and distributed I/O coordination in the documented SIMATIC 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 6ES7516-3AN01-0AB0. Validate reachable devices before enabling controlled equipment.
- Restore the controller project safely: Load the approved project to 6ES7516-3AN01-0AB0, review diagnostics and test interlocks, I/O updates, alarms and commanded sequences before returning the plant section to service.

Match 6ES7516-3AN01-0AB0 to the installed SIMATIC automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7516-3AN01-0AB0>

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