

SIMATIC S7-400 AUTOMATION SYSTEMS

Product Data Sheet

6ES7416-2XN05-0AB0

central processing unit module

FUNCTION	FAMILY	ORIGIN	WEIGHT
central processing unit module	SIMATIC S7-400 automation systems	Germany	0.856 kg

S7-400 6ES7416-2XN05-0AB0 is a central processing unit module for the SIMATIC S7-400 automation systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

HW functional status	04
Firmware version	V5.3
Resolution	1 ms
integrated (for program)	2.8 Mbyte
min.	0 °C
max.	60 °C
MPI	Yes
from interface 5 V DC, max.	90 mA; At each DP interface
Number of connectable IMs (total), max.	6
Number of connectable IM 463s, max.	4; IM 463-2

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Execute deterministic automation sequences: Use 6ES7416-2XN05-0AB0 for cyclic logic, program execution and distributed I/O coordination in the documented SIMATIC S7-400 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 6ES7416-2XN05-0AB0. Validate reachable devices before enabling controlled equipment.
- Restore the controller project safely: Load the approved project to 6ES7416-2XN05-0AB0, review diagnostics and test interlocks, I/O updates, alarms and commanded sequences before returning the plant section to service.

SYSTEM COMPATIBILITY

Match 6ES7416-2XN05-0AB0 to the installed SIMATIC S7-400 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=6ES7416-2XN05-0AB0>

AMIKON PRODUCT SUPPORT

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