

SIMATIC S7-400 AUTOMATION SYSTEMS

Product Data Sheet

6ES7414-4HJ00-0AB0

central processing unit module

FUNCTION central processing unit module	FAMILY SIMATIC S7-400 automation systems	ORIGIN Germany	WEIGHT 1.398 kg
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S7-400 6ES7414-4HJ00-0AB0 is a central processing unit module for the SIMATIC S7-400 automation systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

PROFIBUS DP master	Yes
PROFIBUS DP device	No
Number of connectable IMs (total), max.	6
Number of connectable IM 463s, max.	6; IM 463-2
via interface module	0
Power loss, typ.	10 W
integrated	768 kbyte; 384 KB for program; 384 KB for data
expandable FEPR0M, max.	64 Mbyte
integrated RAM, max.	256 kbyte
from backplane bus 5 V DC, typ.	1.8 A

- Execute deterministic automation sequences: Use 6ES7414-4HJ00-0AB0 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 6ES7414-4HJ00-0AB0. Validate reachable devices before enabling controlled equipment.
- Restore the controller project safely: Load the approved project to 6ES7414-4HJ00-0AB0, review diagnostics and test interlocks, I/O updates, alarms and commanded sequences before returning the plant section to service.

Match 6ES7414-4HJ00-0AB0 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.

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7414-4HJ00-0AB0>

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