

SIMATIC S7-400 AUTOMATION SYSTEMS

Product Data Sheet

6ES7416-3FS06-0AB0

fail-safe central processing unit

FUNCTION	FAMILY	ORIGIN	WEIGHT
fail-safe central processing unit	SIMATIC S7-400 automation systems	Germany	1.079 kg

S7-400 6ES7416-3FS06-0AB0 is a fail-safe central processing unit for the SIMATIC S7-400 automation systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

HW functional status	01
Firmware version	V6.0
Resolution	1 ms
integrated (for program)	8 Mbyte
Number of ports	2
MPI	Yes
Protocols PROFIBUS DP master	No
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

- Execute deterministic automation sequences: Use 6ES7416-3FS06-0AB0 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 6ES7416-3FS06-0AB0. Validate reachable devices before enabling controlled equipment.
- Restore the controller project safely: Load the approved project to 6ES7416-3FS06-0AB0, review diagnostics and test interlocks, I/O updates, alarms and commanded sequences before returning the plant section to service.

Match 6ES7416-3FS06-0AB0 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=6ES7416-3FS06-0AB0>