

SIMATIC AUTOMATION SYSTEMS

Product Data Sheet

6ES7315-6FF04-0AB0

fail-safe central processing unit

FUNCTION	FAMILY	ORIGIN	WEIGHT
fail-safe central processing unit	SIMATIC automation systems	Germany	0.344 kg

Siemens SIMATIC S7 6ES7315-6FF04-0AB0 is a fail-safe central processing unit for the SIMATIC automation systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

HW functional status	01
Firmware version	V3.3
Rated value (DC)	24 V
min.	0 °C
max.	60 °C
MPI	Yes
PROFIBUS DP master	No
Number of PROFINET interfaces	0
Number of RS 485 interfaces	2
Interface type	Integrated RS 485 interface

- Execute deterministic automation sequences: Use 6ES7315-6FF04-0AB0 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 6ES7315-6FF04-0AB0. Validate reachable devices before enabling controlled equipment.
- Restore the controller project safely: Load the approved project to 6ES7315-6FF04-0AB0, review diagnostics and test interlocks, I/O updates, alarms and commanded sequences before returning the plant section to service.

Match 6ES7315-6FF04-0AB0 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=6ES7315-6FF04-0AB0>

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