

SIMATIC AUTOMATION SYSTEMS

# Product Data Sheet

**6ES7515-2FM01-0AB0**

fail-safe central processing unit

|                                                      |                                             |                          |                           |
|------------------------------------------------------|---------------------------------------------|--------------------------|---------------------------|
| FUNCTION<br><b>fail-safe central processing unit</b> | FAMILY<br><b>SIMATIC automation systems</b> | ORIGIN<br><b>Germany</b> | WEIGHT<br><b>0.893 kg</b> |
|------------------------------------------------------|---------------------------------------------|--------------------------|---------------------------|

Siemens SIMATIC S7 6ES7515-2FM01-0AB0 is a fail-safe central processing unit for the SIMATIC automation systems. The values below are limited to the exact documented article.

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## 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)        | 750 kbyte |
| integrated (for data)           | 3 Mbyte   |
| Number of ports                 | 2         |
| Interface types Number of ports | 1         |
| horizontal installation, min.   | 0 °C      |

## ADDITIONAL PRODUCT DATA

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## OFFICIAL APPLICATIONS

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- Execute deterministic automation sequences: Use 6ES7515-2FM01-0AB0 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 6ES7515-2FM01-0AB0. Validate reachable devices before enabling controlled equipment.
- Restore the controller project safely: Load the approved project to 6ES7515-2FM01-0AB0, review diagnostics and test interlocks, I/O updates, alarms and commanded sequences before returning the plant section to service.

## SYSTEM COMPATIBILITY

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Match 6ES7515-2FM01-0AB0 to the installed SIMATIC automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

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[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7515-2FM01-0AB0>

AMIKON PRODUCT SUPPORT

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