

SIMATIC ET 200 DISTRIBUTED I/O SYSTEMS

# Product Data Sheet

**6ES7181-0AA01-0AA0**

distributed I/O interface module

|                                                     |                                                 |                          |                         |
|-----------------------------------------------------|-------------------------------------------------|--------------------------|-------------------------|
| FUNCTION<br><b>distributed I/O interface module</b> | FAMILY<br><b>SIMATIC ET 200 distributed I/O</b> | ORIGIN<br><b>Germany</b> | WEIGHT<br><b>0.8 kg</b> |
|-----------------------------------------------------|-------------------------------------------------|--------------------------|-------------------------|

Siemens SIMATIC S7 6ES7181-0AA01-0AA0 is a distributed I/O interface module for the SIMATIC ET 200 distributed I/O systems. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                  |                               |
|------------------|-------------------------------|
| Rated Supply     | 24 V DC                       |
| Mounting         | Control cabinet               |
| Protection Class | IP20                          |
| System Interface | Backplane bus                 |
| Configuration    | Manufacturer engineering tool |
| Operating Mode   | Continuous duty               |
| Connection       | Keyed industrial connector    |
| Diagnostic State | Status indicators             |
| Commissioning    | Controlled functional test    |
| Installation     | Rack module                   |

## ADDITIONAL PRODUCT DATA

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## OFFICIAL APPLICATIONS

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- Use the documented distributed I/O interface module: Apply 6ES7181-0AA01-0AA0 only in the manufacturer-specified SIMATIC ET 200 distributed I/O systems position. Match the complete article number, electrical interfaces and adjacent hardware before service.
- Preserve interfaces and module position: Record connector keying, terminal assignments, shields, protective earth and neighboring assemblies for 6ES7181-0AA01-0AA0; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6ES7181-0AA01-0AA0, review system diagnostics and test the affected signals, communication or controlled equipment at a safe operating point. Record the final acceptance results.

## SYSTEM COMPATIBILITY

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Match 6ES7181-0AA01-0AA0 to the installed SIMATIC ET 200 distributed I/O 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=6ES7181-0AA01-0AA0>

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