

SM 531 ANALOG INPUT MODULES

# Product Data Sheet

**6ES7531-7KF00-0AB0**

eight-channel analog input module

|                                               |                                       |                   |                    |
|-----------------------------------------------|---------------------------------------|-------------------|--------------------|
| FUNCTION<br>eight-channel analog input module | FAMILY<br>SM 531 analog input modules | ORIGIN<br>Germany | WEIGHT<br>0.413 kg |
|-----------------------------------------------|---------------------------------------|-------------------|--------------------|

S7-1500 6ES7531-7KF00-0AB0 is a eight-channel analog input module for the SM 531 analog input modules. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                                                        |                    |
|--------------------------------------------------------|--------------------|
| Article number                                         | 6ES7531-7KF00-0AB0 |
| HW functional status                                   | FS04               |
| Firmware version                                       | V2.0.0             |
| FW update possible                                     | Yes                |
| I&M data                                               | Yes; I&M0 to I&M3  |
| Isochronous mode                                       | No                 |
| STEP 7 TIA Portal configurable/integrated from version | V12 / V12          |
| STEP 7 configurable/integrated from version            | V5.5 SP3 / -       |
| PROFIBUS from GSD version/GSD revision                 | V1.0 / V5.1        |
| PROFINET from GSD version/GSD revision                 | V2.3 / -           |

## ADDITIONAL PRODUCT DATA

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|                                     |        |
|-------------------------------------|--------|
| Rated value (DC)                    | 24 V   |
| permissible range, lower limit (DC) | 19.2 V |

## OFFICIAL APPLICATIONS

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- Gas treatment and metering stations: Machine Control Systems
- Polymer preparation and extrusion lines: Facility Automation Systems
- Tablet compression and coating suites: Remote Station Systems

## SYSTEM COMPATIBILITY

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Match 6ES7531-7KF00-0AB0 to the installed SM 531 analog input modules, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

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[Siemens official manufacturer documentation](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6ES7531-7KF00-0AB0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM