

SIEMENS SIMATIC S7

Product Data Sheet

6ES7531-7NF10-0AB0

high-speed analog input module

FUNCTION high-speed analog input module	FAMILY Siemens Simatic S7	ORIGIN Germany	WEIGHT 0.30 kg
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Siemens Simatic S7 6ES7531-7NF10-0AB0 is a high-speed analog input module for the Siemens Simatic S7. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Type of supply voltage	DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Power loss, typ.	3.4 W
Module Designation	AI 8xU/I HS
Analog Inputs	8 channels
Resolution	16 bit
Accuracy	0.3%
Common Mode Voltage	Approx. 10 V

ADDITIONAL PRODUCT DATA

Voltage Measurement	Supported
Supply Range	20.4 to 28.8 V DC
Channel Grouping	8 channels in one group

OFFICIAL APPLICATIONS

- Warehouse sorting and conveyor zones: Machine Control Systems
- Cargo handling and loading berths: Facility Automation Systems
- Kiln feed and material processing lines: Remote Station Systems

SYSTEM COMPATIBILITY

Match 6ES7531-7NF10-0AB0 to the installed Siemens Simatic S7, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

Local official manufacturer PDF: 6ES7531-7NF10-0AB0.pdf

AMIKON PRODUCT SUPPORT

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