

SIEMENS SIMATIC S7

Product Data Sheet

6ES7531-7QF00-0AB0

universal analog input module

FUNCTION universal analog input module	FAMILY Siemens Simatic S7	ORIGIN Germany	WEIGHT 0.25 kg
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Siemens Simatic S7 6ES7531-7QF00-0AB0 is a universal 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

Module Designation	AI 8xU/I/R/RTD BA
Analog Inputs	8 universal channels
Resolution	16 bit
Accuracy	0.5%
Voltage Measurement	Available on 8 voltage inputs
Current Measurement	Available on 8 current inputs
Resistance Measurement	Available on 8 resistance inputs
Common Mode Voltage	4 V DC
Power Loss	0.9 W
Firmware Version	V1.0.0

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

Match 6ES7531-7QF00-0AB0 to the installed Siemens Simatic S7, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens official manufacturer documentation](#)

Local official manufacturer PDF: 6ES7531-7QF00-0AB0.pdf