

SIEMENS SIMATIC S7

Product Data Sheet

6ES7531-7LH00-0AB0

16-channel analog input module

FUNCTION 16-channel analog input module	FAMILY Siemens Simatic S7	ORIGIN Germany	WEIGHT 0.42 kg
---	-------------------------------------	--------------------------	--------------------------

Siemens Simatic S7 6ES7531-7LH00-0AB0 is a 16-channel analog input module for the Siemens Simatic S7. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Module Designation	AI 16xU BA
Analog Inputs	16 voltage channels
Resolution	16 bit
Accuracy	0.5%
Common Mode Voltage	4 V DC
Input Range	1 to 5 V
Bipolar Range	-10 to +10 V
Input Resistance	10 MΩ
Power Loss	0.75 W
MSI Operation	Supported

- Refinery separation and storage areas: Drive Coordination Systems
- Solvent recovery and dosing rooms: Quality Inspection Systems
- Sterile filling and packaging cells: Process Control Systems

Match 6ES7531-7LH00-0AB0 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 data sheet 6ES7531-7LH00-0AB0](#)

Local Siemens official data sheet: 6ES7531-7LH00-0AB0.pdf