

SIMATIC S7-300

Product Data Sheet

6ES7332-5HD01-0AB0

Four-channel analog output module

FUNCTION Four-channel analog output module	FAMILY SIMATIC S7-300	ORIGIN Germany	WEIGHT 0.22 kg
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Siemens 6ES7332-5HD01-0AB0 is a four-channel analog output module for the SIMATIC S7-300. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Module Type	SM 332 analog output module
Output Channels	Four isolated analog outputs
Output Selection	Voltage or current per channel
Nominal Resolution	12-bit conversion
Voltage Ranges	0-10 V, 1-5 V, ± 10 V
Current Ranges	0-20 mA, 4-20 mA, ± 20 mA
Rated Load Supply	24 V DC
Shielded Cable Length	Maximum 200 m
Conversion Time	Maximum 0.8 ms per channel
Isolation Test Voltage	500 V DC

ADDITIONAL PRODUCT DATA

Backplane Current	Maximum 60 mA
No-load L+ Current	Maximum 240 mA
Typical Power Loss	3 W
Module Dimensions	40 × 125 × 117 mm
Approximate Weight	220 g

OFFICIAL APPLICATIONS

- Drive analog setpoints: Generate configured voltage or current setpoints for compatible actuators, positioners and converters.
- Control variable process values: Use four independently selected analog channels for speed, pressure, flow or position commands in an S7-300 station.
- Restore an SM 332 channel: Match wiring, output range and channel parameters before transferring the configuration and testing each loop.

SYSTEM COMPATIBILITY

Match 6ES7332-5HD01-0AB0 to the installed SIMATIC S7-300, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

SIMATIC S7-300 Module Data

https://cache.industry.siemens.com/dl/files/629/8859629/att_55794/v1/s7300_module_data_manual_en-US_en-US.pdf

AMIKON PRODUCT SUPPORT

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