

SIMATIC S7-1500 AQ 4xU/I ST

Product Data Sheet

6ES7532-5HD00-0AB0

Four Channel Analog Output Module

LOAD SUPPLY RANGE	MAXIMUM SUPPLY CURRENT	BACKPLANE POWER	TYPICAL POWER LOSS
19.2 to 28.8 V DC	190 mA at 24 V DC	0.6 W	4 W

Siemens 6ES7532-5HD00-0AB0 is a four channel analog output module in the SIMATIC S7-1500 AQ 4xU/I ST range. It is intended for compatible industrial automation projects requiring the documented voltage or current actuator outputs.

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VERIFIED TECHNICAL DATA

Load supply range	19.2 to 28.8 V DC
Maximum supply current	190 mA at 24 V DC
Backplane power	0.6 W
Typical power loss	4 W
Analog output count	4
Output resolution	16 bit including sign
Voltage output ranges	0 to 10 V, 1 to 5 V, ± 10 V
Current output ranges	0 to 20 mA, 4 to 20 mA, ± 20 mA
All-channel cycle time	3.2 ms minimum
Per-channel conversion time	0.5 ms

ADDITIONAL PRODUCT DATA

Maximum current-output load	750 ohm
Voltage-output load minimum	1 kohm; 0.5 kohm at 1 to 5 V
Operational error limit	±0.3% voltage/current
Voltage-output short-circuit current	24 mA maximum
Isolation test	707 V DC type test

DOCUMENTED USE SETTINGS

Manufacturing and Industrial Component Production Processes: Industrial Component Manufacturing Processes.

Water Supply and Municipal Wastewater Treatment: Industrial Water Treatment Processes.

Food Processing and Commercial Beverage Production: Dairy Processing and Production.

SYSTEM COMPATIBILITY

Integrate 6ES7532-5HD00-0AB0 only in the documented SIMATIC S7-1500 AQ 4xU/I ST configuration. Match the installed interfaces and the engineered application before selecting this four channel analog output module.

PRODUCT EVIDENCE

Siemens 6ES7532-5HD00-0AB0 official product technical data, applicable pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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