

SIMATIC S7-1500

Product Data Sheet

6ES7532-5HF00-0AB0

AQ 8-channel high-speed output module

FUNCTION	FAMILY	ORIGIN	WEIGHT
AQ 8-channel high-speed output module	SIMATIC S7-1500	Germany	0.80 kg

S7-1500 6ES7532-5HF00-0AB0 is a AQ 8-channel high-speed output module for the SIMATIC S7-1500. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Maximum Current	260 mA; with 24 V DC supply
Current Output Compliance	20 V
Power available from the backplane bus	1.15 W
Power Loss	7 W
Permissible range, lower limit (DC)	20.4 V
Permissible range, upper limit (DC)	28.8 V
Resolution	16 bit
Isolation Test	707 V DC (type test)
Cycle time (all channels), min.	125 µs; independent of number of activated channels
With current outputs, inductive load	1 mH

ADDITIONAL PRODUCT DATA

Maximum Current Load	500 Ω
With voltage outputs, capacitive loa	100 nF
Minimum Voltage Load	1 k Ω
Short-circuit Current	45 mA
Bus cycle time (TDP), min.	250 μ s

OFFICIAL APPLICATIONS

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

SYSTEM COMPATIBILITY

Match 6ES7532-5HF00-0AB0 to the installed SIMATIC S7-1500, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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