SIMATIC S7-1500

Product Data Sheet

6ES7522-1BH01-0AB0

S7-1500 DQ 16x24 V DC/0.5 A HF module

FUNCTION	FAMILY	ORIGIN	WEIGHT
S7-1500 DQ 16x24 V DC/0.5	**SIMATIC S7-1500**	**Germany**	**0.23 kg**

Siemens 6ES7522-1BH01-0AB0 is a sixteen-channel high-feature digital output module for the SIMATIC S7-1500. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Module designation	DQ 16x24 V DC/0.5 A HF
Digital outputs	16 transistor outputs
Output grouping	2 groups of 8
Rated load voltage	24 V DC
Permissible load voltage	19.2 to 28.8 V DC
Rated output current	0.5 A per channel
Current per group	4 A maximum
Current per module	8 A maximum
Backplane power	1.1 W
Power loss	2 W typical

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Lamp load	5 W maximum
Load resistance	48 ohm to 12 kohm
Resistive switching frequency	100 Hz maximum
Inductive switching frequency	0.5 Hz maximum
Safety shutdown capability	Up to SIL 2, Category 3, PL d

03 OFFICIAL APPLICATIONS

- Industrial Manufacturing
- Power Generation
- Water Treatment

04 SYSTEM COMPATIBILITY

Match 6ES7522-1BH01-0AB0 to the installed SIMATIC S7-1500, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens technical documentation for 6ES7522-1BH01-0AB0

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

AMIKON PRODUCT SUPPORT

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