SIMATIC S7-300

Product Data Sheet

6ES7321-7RD00-0AB0

Digital input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
Digital input module	**SIMATIC S7-300**	**Germany**	**0.3 kg**

Siemens 6ES7321-7RD00-0AB0 is a digital input module for the SIMATIC S7-300. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Product designation	digital input module
Product family	SIMATIC S7-300
Article number	6ES7321-7RD00-0AB0
Product code	SM 321
Rated characteristic	16 digital inputs
Primary interface	S7-300 backplane bus
Supply class	24 V DC industrial electronics
Mounting format	Modular industrial assembly
Connection method	Model-specific keyed terminals
Protection class	Industrial cabinet installation

02 ADDITIONAL PRODUCT DATA

Operating temperature	0 to 60 °C
Storage temperature	-40 to 70 °C
Diagnostic capability	Status and fault indication
Configuration requirement	Exact article matching required
Lifecycle status	Manufacturer-supported or service article

03 OFFICIAL APPLICATIONS

- Discrete and Continuous Industrial Production
- Municipal and Industrial Water Treatment
- Thermal Hydroelectric and Renewable Generation

04 SYSTEM COMPATIBILITY

Match 6ES7321-7RD00-0AB0 to the installed SIMATIC S7-300, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens official product documentation

https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6ES7321-7RD00-0AB0

AMIKON PRODUCT SUPPORT

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