SIMATIC S7-300

Product Data Sheet

6ES7321-1FH00-0AA0

SM 321 isolated AC digital input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SM 321 isolated AC digital	**SIMATIC S7-300**	**Germany**	**0.29 kg**

Siemens 6ES7321-1FH00-0AA0 is a SM 321 isolated AC digital input module for the SIMATIC S7-300. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Module designation	SM 321
Digital inputs	16
Input voltage	120/230 V AC
Input isolation	Optically isolated
Input frequency	47-63 Hz
Signal 0 range	0-40 V AC
Signal 1 range	79-264 V AC
Input delay	25 ms
Backplane current	29 mA maximum at 5 V DC
Power loss	4.9 W typical

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

02 ADDITIONAL PRODUCT DATA

Connector	20-pin front connector

03 OFFICIAL APPLICATIONS

- Production Control and Equipment Coordination: Sequence control and machine interlocking; equipment status and command handling
- Distributed Signal Acquisition and Control: Field-signal processing; process monitoring and controlled output switching
- Utility and Facility Equipment Monitoring: Remote status collection; alarm handling and equipment supervision

04 SYSTEM COMPATIBILITY

Match 6ES7321-1FH00-0AA0 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

Official Siemens technical documentation for 6ES7321-1FH00-0AA0

Selected official manufacturer pages; visible website addresses removed from this reference package.

AMIKON PRODUCT SUPPORT

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