S7-300

Product Data Sheet

6ES7321-1BH50-0AA0

SM 321 source input module

DIGITAL INPUTS	INPUT TYPE	SUPPLY RANGE	BACKPLANE CURRENT
16	**24 V DC source input**	**20.4 to 28.8 V DC**	**10 mA max.**

Siemens 6ES7321-1BH50-0AA0 is a sm 321 source input module for the S7-300 product family. It provides 16 for distributed automation, machine control, and industrial communication tasks.

01 VERIFIED TECHNICAL DATA

Digital inputs	16
Input type	24 V DC source input
Supply range	20.4 to 28.8 V DC
Backplane current	10 mA max.
Power loss	3.5 W typ.
Signal 0 range	-5 to +30 V
Signal 1 range	-13 to -30 V
Input current at signal 1	7 mA typ.
Input delay	1.2 to 4.8 ms
Shielded cable length	1,000 m max.

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Potential group	16 channels
Isolation test	500 V DC
Front connector	20-pin

03 DOCUMENTED USE SETTINGS

Automotive Production and Assembly: Body production lines.

Water Treatment and Distribution: Pumping station automation.

Food Processing and Packaging: Packaging machine control.

04 SYSTEM COMPATIBILITY

Install 6ES7321-1BH50-0AA0 only in the documented S7-300 environment and verify the applicable terminal, bus, or module interface before wiring.

05 PRODUCT EVIDENCE

Siemens product data sheet

AMIKON PRODUCT SUPPORT

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