

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7321-1BH01-0AA0

S7-300 SM 321 Digital Input Module



MODULE	INPUTS	SIGNAL	CONNECTION
SM 321	16 digital	24 V DC	20-pin

The Siemens 6ES7321-1BH01-0AA0 is an SM 321 digital input module in the SIMATIC S7-300 range. It provides sixteen 24 V DC inputs with optical isolation and a 20-pin connection for field-signal input in compatible installations.

01

VERIFIED TECHNICAL INFORMATION

Module function	SM 321 digital input module
Digital inputs	16
Nominal input voltage	24 V DC
Isolation	Optically isolated

Evidence scope: exact Siemens product description and historical released-module and ET 200M catalog entries. Unverified electrical details are intentionally omitted.

02 TECHNICAL INFORMATION CONTINUED

Connection	20-pin
Input grouping	16 inputs per group
Backplane current	25 mA listed in the historical ET 200M configuration catalog

03 SOURCE AND CONFIGURATION CHECKS

Siemens released-module documentation lists the inputs as one group of sixteen. The historical ET 200M configuration catalog allocates one slot to this order number and states 25 mA consumption from the backplane bus, identifying its allocation within that distributed I/O configuration.

This reference does not establish terminal assignments, an operating-voltage range, input delays or a replacement wiring procedure. Obtain the applicable manufacturer and project documentation before installation.

Packed dimensions, gross shipping weight and supplied-unit origin are unverified. Module net mass is not a shipment-weight figure.

[Siemens exact-order-number product description](#)

[Siemens released-module overview - original page 93](#)

[Siemens ST 40 ET 200M table - original page 69](#)

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