

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ES7221-3AD30-0XB0

SIMATIC S7-1200 SB 1221, DI 4x5 V DC 200 kHz

Siemens 6ES7221-3AD30-0XB0 is a SIMATIC S7-1200 SB 1221, DI 4x5 V DC 200 kHz for industrial automation systems. The parameters below are derived from the exact Siemens article-number data sheet.

01

OFFICIAL PRODUCT PARAMETERS

Product designation	SB 1221, DI 4x5 V DC 200 kHz
Backplane current	40 mA typical at 5 V DC
Power loss	1 W typical
Digital inputs	4 current-sourcing inputs
Input grouping	4 inputs per group
Rated input voltage	5 V DC
Signal 1 current	15 mA typical
Input delay	Parameterizable
Shielded cable	50 m maximum, twisted pair
Status indication	Input LEDs provided

Source: Siemens official product data sheet for article number 6ES7221-3AD30-0XB0.

02 MECHANICAL AND OPERATING DATA

Operating temperature	-20 to 60 degrees C
Dimensions	38 x 62 x 21 mm
Approximate weight	35 g
Protection	IP20

03 ENGINEERING AND SAFETY NOTES

Verify the complete article number, electrical limits, terminal assignments, supported hardware configuration, grounding, EMC separation, enclosure conditions, and current Siemens documentation before installation or replacement.