S7-200

Product Data Sheet

6ES7216-2AD23-0XB0

CPU 226 DC/DC/DC

FUNCTION	FAMILY	ORIGIN	WEIGHT
CPU 226 DC/DC/DC	**S7-200**	**Germany**	**Confirm final packed weight**

Siemens 6ES7216-2AD23-0XB0 is a CPU 226 DC/DC/DC for the S7-200. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Nominal supply voltage	24 V DC nominal
Digital inputs	24 inputs, 24 V DC
Digital outputs	16 sourcing transistor outputs; 0.75 A maximum per point
Communication ports	2 integrated RS485 ports
Program capacity	16384 bytes with run-mode edit; 24576 bytes without
User data memory	10240 bytes
Expansion modules	Up to 7, subject to CPU power budget
High-speed counters	6 counters total: up to 6 single-phase at 30 kHz or 4 two-phase at 20 kHz; logic-high 15-26 V DC for these rates
Timers	256 total: 4 at 1 ms, 16 at 10 ms, 236 at 100 ms
Boolean execution	0.22 microseconds per instruction

02 ADDITIONAL PRODUCT DATA

Real-time clock	Built in
Sensor supply budget	400 mA available at 24 V DC
Input filter delay	0.2-12.8 ms, selectable
Power dissipation	11 W
Article identity	6ES7216-2AD23-0XB0

03 OFFICIAL APPLICATIONS

- Industrial Manufacturing
- Packaging Production
- Water Treatment

04 SYSTEM COMPATIBILITY

Match 6ES7216-2AD23-0XB0 to the installed S7-200, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens technical documentation for 6ES7216-2AD23-0XB0

https://support.industry.siemens.com/

AMIKON PRODUCT SUPPORT

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