SIMATIC S7-1200

Product Data Sheet

6ES7215-1AG40-0XB0

SIMATIC S7-1200 compact CPU

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIMATIC S7-1200 compact CPU	**SIMATIC S7-1200**	**Germany**	**0.52 kg**

Siemens 6ES7215-1AG40-0XB0 is a SIMATIC S7-1200 compact CPU for the SIMATIC S7-1200. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Supply voltage range	20.4–28.8 V DC
Digital inputs	14 × 24 V DC
Digital outputs	10 transistor outputs, 0.5 A each
Analog inputs	2 × 0–10 V
Analog outputs	2 × 0–20 mA
Work memory	125 KB
Load memory	4 MB
Typical input current	500 mA
Maximum input current	1500 mA with expansion modules
Typical power loss	12 W

02 ADDITIONAL PRODUCT DATA

Bit execution time	0.085 µs
Word execution time	1.7 µs
Floating-point execution time	2.3 µs
High-speed counters	6, maximum 100 kHz
Pulse outputs	4, maximum 100 kHz

03 OFFICIAL APPLICATIONS

- Industrial production systems: Documented product integration
- Utility and process facilities: Exact-model maintenance support
- Building and plant systems: Controlled replacement planning

04 SYSTEM COMPATIBILITY

Match 6ES7215-1AG40-0XB0 to the installed SIMATIC S7-1200, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens technical evidence reviewed for 6ES7215-1AG40-0XB0

Product data compiled from reviewed technical evidence

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