

SIMATIC ET 200SP

Product Data Sheet

6ES7512-1DK01-0AB0

CPU 1512SP-1 PN controller

FUNCTION CPU 1512SP-1 PN controller	FAMILY SIMATIC ET 200SP	ORIGIN Germany	WEIGHT 0.50 kg
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Siemens Simatic S7 6ES7512-1DK01-0AB0 is a CPU 1512SP-1 PN controller for the SIMATIC ET 200SP. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Number of connections via integrated interfaces	88
Number of server interfaces, max.	10 of each "Server interfaces" / "Companion specification" type and 20 of the
Number of positioning axes at motion control cycle	of 8 ms (typical value)
Number of PROFIBUS interfaces	1; Via CM DP module
Current consumption (rated value)	0.6 A
Number of free cycle OBs	100
Number of slots for SIMATIC memory card	1
for send cycle of 500 µs	500 µs to 8 ms; Note: In the case of IRT with isochronous mode, the minimum
for send cycle of 250 µs	250 µs to 4 ms; Note: In the case of IRT with isochronous mode, the minimum
With IRT and parameterization of "odd" send cycles	Update time = set "odd" send clock (any multiple of 125 µs: 375 µs, 625 µs ... 3

ADDITIONAL PRODUCT DATA

STEP 7 TIA Portal configurable/integrated from version	V17 (FW V2.9) / V13 SP1 Update 4 (FW V1.8) or higher
Number range	1 ... 60 999; subdivided into: number range that can be used by the user: 1 ...
Number of clock memories	8; 8 clock memory bit, grouped into one clock memory byte
Number of IO modules	2 048; max. number of modules / submodules
Load memory	Plug-in (SIMATIC Memory Card), max.

OFFICIAL APPLICATIONS

- Machine and assembly-line automation: Controlled equipment
- Robot cell and transfer automation: Production equipment
- Boiler, turbine and auxiliary control: Plant equipment

SYSTEM COMPATIBILITY

Match 6ES7512-1DK01-0AB0 to the installed SIMATIC ET 200SP, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation](#)

Local official manufacturer PDF: 6ES7512-1DK01-0AB0.pdf

AMIKON PRODUCT SUPPORT

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