

SIMATIC S7-1500 COMPACT CONTROLLERS

Product Data Sheet

6ES7511-1CK00-0AB0

CPU 1511C-1 PN compact controller

FUNCTION CPU 1511C-1 PN compact controller	FAMILY SIMATIC S7-1500 compact controllers	ORIGIN Germany	WEIGHT 050 g
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Siemens Simatic S7 6ES7511-1CK00-0AB0 is a CPU 1511C-1 PN compact controller for the SIMATIC S7-1500 compact controllers. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Product Type	CPU 1511C-1 PN
Hardware Version	FS03
Firmware Version	V2.9
I&M Data	Yes; I&M0 to I&M3
Isochronous Mode	Yes; With minimum OB 6x cycle of 625 µs (distributed)
Engineering Software	V17 (FW V2.9) / V13 SP1 Update 4 (FW V1.8) or higher
Display Size	3.45 cm
Number of Keys	6
Mode Selector Switch	1
Rated Supply	24 V

ADDITIONAL PRODUCT DATA

Supply Lower Limit	19.2 V; 20.4 V DC, for supplying the digital inputs/outputs
Supply Upper Limit	28.8 V
Mains	5 ms; Refers to the power supply on the CPU section
Repeat Rate, Min.	1/s
Current Consumption	0.8 A; Digital onboard I/O modules are supplied separately

OFFICIAL APPLICATIONS

- Propulsion and Utility Machinery for Cpu 1511C-1 Pn Compact: Marine Automation Systems
- Kiln and Material Lines for Cpu 1511C-1 Pn Compact: Cement Production Systems
- Process Tools and Facility Systems for Cpu 1511C-1 Pn Compact: Cleanroom Utility Systems

SYSTEM COMPATIBILITY

Match 6ES7511-1CK00-0AB0 to the installed SIMATIC S7-1500 compact controllers, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation](#)

Local manufacturer PDF: 6ES7511-1CK00-0AB0.pdf

AMIKON PRODUCT SUPPORT

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