

SIMATIC S7-1500 AUTOMATION SYSTEMS

Product Data Sheet

6ES7511-1AK02-0AB0

CPU 1511-1 PN controller

FUNCTION CPU 1511-1 PN controller	FAMILY SIMATIC S7-1500 automation systems	ORIGIN Germany	WEIGHT 0.50 kg
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S7-300 6ES7511-1AK02-0AB0 is a CPU 1511-1 PN controller for the SIMATIC S7-1500 automation systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Produkttyp-Bezeichnung	CPU 1511-1 PN
HW-Funktionsstand	FS03
Firmware-Version	V2.8
I&M-Daten	Ja; I&M0 bis I&M3
taktsynchroner Betrieb	Ja; Dezentral und zentral; mit minimalen OB 6x Zyklus von 625 µs (dezentral) und 1 ms (zentral)
STEP 7 TIA Portal projektierbar/integriert ab Version	V16 (FW V2.8) / ab V15 (FW V2.5); mit älteren TIA Portal Versionen projektierbar als 6ES7511-1AK01-0AB0
über Datensatz	Ja
Bildschirmdiagonale [cm]	3,45 cm
Anzahl der Tasten	8
Betriebsartentasten	2

ADDITIONAL PRODUCT DATA

Spannungsart der Versorgungsspannung	DC 24 V
zulässiger Bereich, untere Grenze (DC)	19,2 V
zulässiger Bereich, obere Grenze (DC)	28,8 V
Netz-/Spannungsausfallüberbrückungszeit	5 ms
Wiederholrate, min.	1/s

OFFICIAL APPLICATIONS

- Machine and Conveyor Control Cabinets for Cpu 1511-1 Pn Controller: Factory Control Systems Assembly machine I/O stations Production conveyor control panels
- Turbine Auxiliary Control Stations for Cpu 1511-1 Pn Controller: Generation Control Systems Turbine auxiliary cabinets Generator cooling control panels
- Pumping and Treatment Control Stations for Cpu 1511-1 Pn Controller: Utility Control Systems Booster pump PLC cabinets Filtration process control panels

SYSTEM COMPATIBILITY

Match 6ES7511-1AK02-0AB0 to the installed SIMATIC S7-1500 automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product data sheet](#)

Manufacturer official PDF

AMIKON PRODUCT SUPPORT

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