

SIMATIC S7-1500T AUTOMATION

Product Data Sheet

6ES7511-1TK01-0AB0

technology CPU controller

FUNCTION technology CPU controller	FAMILY SIMATIC S7-1500T automation	ORIGIN Germany	WEIGHT 0.51 kg
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S7-1500 6ES7511-1TK01-0AB0 is a technology CPU controller for the SIMATIC S7-1500T automation. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Program Work Memory	225 KB
Data Work Memory	1 MB
Bit Operation Time	60 ns typical
PROFINET Interface	2-port IRT switch
Rated Supply	24 V DC
Supply Range	19.2 to 28.8 V DC
Rated Input Current	0.7 A
Power Loss	5.7 W typical
Motion Control Resources	800
Extended Motion Resources	40

ADDITIONAL PRODUCT DATA

Load Memory	SIMATIC Memory Card required
Card Capacity	Up to 32 GB

OFFICIAL APPLICATIONS

- Crushing and grinding plant automation: Mineral Processing Systems
- Stock preparation and paper production: Mill Production Systems
- Sorting and conveyor system automation: Material Handling Systems

SYSTEM COMPATIBILITY

Match 6ES7511-1TK01-0AB0 to the installed SIMATIC S7-1500T automation, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation](#)

https://cache.industry.siemens.com/dl/files/188/109739188/att_895920/v1/s71500_cpu_1511t_1_pn_manual_en-US_en-US.pdf

AMIKON PRODUCT SUPPORT

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