SIMATIC S7-300 CPU 315T-2 DP

Product Data Sheet

6ES7315-6TH13-0AB0

Technology PLC central processor

WORK MEMORY	FUNCTION BLOCK CAPACITY	MAXIMUM LOAD MEMORY	FUNCTION CAPACITY
256 KB	**1024 maximum**	**8 MB**	**1024 maximum**

Siemens 6ES7315-6TH13-0AB0 is the CPU 315T-2 DP technology controller in the SIMATIC S7-300 family. It combines programmable automation with supported motion-related technology functions for configured production machines.

01 VERIFIED TECHNICAL DATA

Work memory	256 KB
Function block capacity	1024 maximum
Maximum load memory	8 MB
Function capacity	1024 maximum
Supply voltage	24 V DC, 20.4 to 28.8 V
Power loss	6 W
Bit instruction time	0.1 micros
Word instruction time	0.2 micros
Fixed-point instruction time	2 micros
Floating-point instruction time	3 micros

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Data block count	1023 maximum
Maximum data block length	64 KB
Integrated digital I/O	4 inputs, 8 high-speed outputs
Communication interfaces	MPI/DP and DP-Drive, RS485
Engineering software	STEP 7 V5.4 SP5+, S7-Technology V4.2

03 DOCUMENTED USE SETTINGS

Automotive Manufacturing and Vehicle Component Production: Vehicle Body Manufacturing.

Food Manufacturing and Beverage Packaging Production: Industrial Food Production.

Packaging Manufacturing and Product Packaging Production: Packaging Material Converting.

04 SYSTEM COMPATIBILITY

Siemens 6ES7315-6TH13-0AB0 is the CPU 315T-2 DP technology controller in the SIMATIC S7-300 family. It combines programmable automation with supported motion-related technology functions for configured production machines.

05 PRODUCT EVIDENCE

Siemens SIMATIC S7-300 CPU 315T-2 DP technical documentation

AMIKON PRODUCT SUPPORT

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