SIMATIC S7-300

Product Data Sheet

6ES7312-1AD10-0AB0

CPU 312 with MPI

WORKING MEMORY	FIRMWARE VERSION IN DATA SHEET	PROGRAMMING SOFTWARE	INTEGRATED INTERFACE
16 KB	**V2.0.0**	**STEP 7 V5.1 SP4 or later**	**MPI**

Siemens 6ES7312-1AD10-0AB0 is the CPU 312 with MPI for SIMATIC S7-300. The CPU 312 provides an integrated MPI interface and 16 KB of working memory for an S7-300 project.

01 TECHNICAL DATA

Working memory	16 KB
Firmware version in data sheet	V2.0.0
Programming software	STEP 7 V5.1 SP4 or later
Integrated interface	MPI
Nominal supply	24 V DC
Supply range	20.4–28.8 V DC
Rated current	0.6 A
Typical no-load current	60 mA
Typical inrush	2.5 A
Typical power loss	2.5 W

02 ADDITIONAL PRODUCT DATA

Maximum supported MMC	4 MB
Typical bit operation time	0.2 µs
Typical word operation time	0.4 µs

03 PRODUCT FUNCTION

Working memory is specified as 16 KB. The published data also lists V2.0.0 for firmware version in data sheet and STEP 7 V5.1 SP4 or later for programming software.

04 SYSTEM COMPATIBILITY

Check the project software version, MPI addressing and required Micro Memory Card before setting up the CPU. Compare the project settings with the corresponding product ratings.

05 REFERENCE

Siemens product data sheet, 6ES7312-1AD10-0AB0

AMIKON PRODUCT SUPPORT

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