

SIMATIC S7-300

Product Data Sheet

6ES7315-2AF03-0AB0

CPU 315-2 DP controller

FUNCTION CPU 315-2 DP controller	FAMILY SIMATIC S7-300	ORIGIN Germany	WEIGHT 0.50 kg
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Siemens Simatic S7 6ES7315-2AF03-0AB0 is a CPU 315-2 DP controller for the SIMATIC S7-300. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Current consumption (rated value)	1 000 mA
Number of free cycle OBs	1; OB 1
Number of modules per DP slave interface, max.	64
integrated	64 kbyte; 64 KB / 21K instructions RAM (integrated)
PGs/PCs with STEP 7 connectable via MPI interface	Number of modules per DP slave interface, max.
processing unit with integr. Power supply 24 V DC, Work memory 2 MB	Number of modules per DP slave interface, max.
Number of time alarm OBs	1; OB 10
Rated value (DC)	24 V
User program protection/password protection	Yes
Power loss, typ.	8 W

ADDITIONAL PRODUCT DATA

Inrush current, typ.	8 A
Software controller	Yes; depending on the required memory space and the resulting
Interrupt and error processing, copy data, clock functions,	diagnostic functions, module parameterization, operating mode
per priority class	8; for each programming level
supported	Yes; via loadable blocks

OFFICIAL APPLICATIONS

- Machine and assembly-line automation: Controlled equipment
- Robot cell and transfer automation: Production equipment
- Boiler, turbine and auxiliary control: Plant equipment

SYSTEM COMPATIBILITY

Match 6ES7315-2AF03-0AB0 to the installed SIMATIC S7-300, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation](#)

Local official manufacturer PDF: 6ES7315-2AF03-0AB0.pdf

AMIKON PRODUCT SUPPORT

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