

SIMATIC S7-300 AUTOMATION SYSTEMS

Product Data Sheet

6ES7317-2EK13-0AB0

CPU 317-2 PN/DP controller

FUNCTION CPU 317-2 PN/DP controller	FAMILY SIMATIC S7-300 automation systems	ORIGIN Germany	WEIGHT 0.46 kg
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S7-300 6ES7317-2EK13-0AB0 is a CPU 317-2 PN/DP controller for the SIMATIC S7-300 automation systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

HW functional status	01
Firmware version	V2.6
Programming package	STEP 7 V5.4 SP2
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
external protection for power supply lines (recommendation)	2 A min.
Current consumption (rated value)	650 mA
Current consumption (in no-load operation), typ.	100 mA
Inrush current, typ.	2.5 A

ADDITIONAL PRODUCT DATA

I ² t	1 A ² ·s
Power loss, typ.	3.5 W
integrated	1 Mbyte; For program and data
Plug-in (MMC), max.	8 Mbyte
Data management on MMC (after last programming), min.	10 y

OFFICIAL APPLICATIONS

- Machine and Conveyor Control Cabinets for Cpu 317-2 Pn/Dp Controller: Factory Control Systems Assembly machine I/O stations Production conveyor control panels
- Turbine Auxiliary Control Stations for Cpu 317-2 Pn/Dp Controller: Generation Control Systems Turbine auxiliary cabinets Generator cooling control panels
- Pumping and Treatment Control Stations for Cpu 317-2 Pn/Dp Controller: Utility Control Systems Booster pump PLC cabinets Filtration process control panels

SYSTEM COMPATIBILITY

Match 6ES7317-2EK13-0AB0 to the installed SIMATIC S7-300 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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