SIMATIC S7-300

Product Data Sheet

6ES7307-1KA02-0AA0

PS 307 regulated 24 V DC power supply

FUNCTION	FAMILY	ORIGIN	WEIGHT
PS 307 regulated 24 V	**SIMATIC S7-300**	**Germany**	**0.80 kg**

Siemens 6ES7307-1KA02-0AA0 is a PS 307 regulated 24 V DC power supply for the SIMATIC S7-300. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Power supply network	Single-phase AC
Rated input	120/230 V AC
Input ranges	85-132 V AC and 170-264 V AC
Line frequency	47-63 Hz
Rated output	24 V DC, 10 A
Output power	240 W
Efficiency	90%
Mains buffering	20 ms minimum
Current limitation	11-12 A
Protection	IP20

02 ADDITIONAL PRODUCT DATA

Operating temperature	0 to 60 °C
Connection	Screw terminals

03 OFFICIAL APPLICATIONS

- Controller Power and Configuration Support: Control-cabinet integration; configuration retention and equipment servicing
- Production Equipment Control: Machine coordination; sequence execution and signal exchange
- Distributed Control and Monitoring: Process signal handling; equipment status monitoring and maintenance support

04 SYSTEM COMPATIBILITY

Match 6ES7307-1KA02-0AA0 to the installed SIMATIC S7-300, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Official Siemens technical documentation for 6ES7307-1KA02-0AA0

Selected official manufacturer pages; visible website addresses removed from this reference package.

AMIKON PRODUCT SUPPORT

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