SIMATIC S7-400 AUTOMATION SYSTEMS

Product Data Sheet

6ES7417-4HT14-0AB0

simatic s7 400 cpu module

FUNCTION	FAMILY	ORIGIN	WEIGHT
simatic s7 400 cpu module	**SIMATIC S7-400 automation systems**	**Germany**	**0.95 kg**

Siemens Simatic S7 6ES7417-4HT14-0AB0 is a simatic s7 400 cpu module for the SIMATIC S7-400 automation systems. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

HW Functional Status	1
Firmware Version	V4.5
Programming Package	STEP 7 V5.3 SP2 or higher with HW update
CiR Basic Synchronization	60 ms
CiR Time per I/O Byte	10 µs
Rated Supply	24 V DC
Backplane Current at 5 V	1.5 A typical
Maximum Backplane Current	1.8 A at 5 V DC
DP Interface Current	150 mA maximum at 24 V DC
Typical Power Loss	6.5 W

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Interface Current	90 mA maximum at 5 V DC

03 OFFICIAL APPLICATIONS

- Boiler and turbine unit control: Redundant Control Systems
- Compressor station automation cabinets: Process Control Systems
- Reactor and utility control rooms: Plant Automation Systems

04 SYSTEM COMPATIBILITY

Match 6ES7417-4HT14-0AB0 to the installed SIMATIC S7-400 automation systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens official manufacturer documentation

https://support.industry.siemens.com/

AMIKON PRODUCT SUPPORT

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