

S7-400

Product Data Sheet

6ES7412-1XJ05-0AB0

CPU 412-1 controller

FUNCTION CPU 412-1 controller	FAMILY S7-400	ORIGIN Germany	WEIGHT 0.843 kg
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S7-400 6ES7412-1XJ05-0AB0 is a CPU 412-1 controller for the S7-400. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Article number	6ES7412-1XJ05-0AB0
HW functional status	03
Firmware version	V5.3
Programming package	STEP 7 V5.3 SP2 or higher with HW update
CiR synchronization time, basic load	100 ms
CiR synchronization time, time per I/O byte	30 µs
from backplane bus 5 V DC, typ.	0.5 A
from backplane bus 5 V DC, max.	0.6 A
from backplane bus 24 V DC, max.	150 mA; 150 mA per DP interface
from interface 5 V DC, max.	90 mA

ADDITIONAL PRODUCT DATA

Power loss, typ.	2.5 W
integrated	288 kbyte

OFFICIAL APPLICATIONS

- Compression and pipeline terminals: Equipment Monitoring Systems
- Blending and reactor process units: Production Interface Systems
- Clean utility production suites: Material Handling Systems

SYSTEM COMPATIBILITY

Match 6ES7412-1XJ05-0AB0 to the installed S7-400, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

Local manufacturer PDF: 6ES7416-3ER05-0AB0.pdf

AMIKON PRODUCT SUPPORT

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