

SIMATIC S7-400H AUTOMATION SYSTEMS

Product Data Sheet

6ES7412-3HJ14-0AB0

CPU 412-3H redundant controller

FUNCTION CPU 412-3H redundant controller	FAMILY SIMATIC S7-400H automation systems	ORIGIN Germany	WEIGHT 0.99 kg
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S7-400 6ES7412-3HJ14-0AB0 is a CPU 412-3H redundant controller for the SIMATIC S7-400H automation systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

HW functional status	1
Firmware version	V4.5
Programming package	STEP 7 V5.3 SP2 or higher with HW update
CIr synchronization time, basic load	150 ms
CIr synchronization time, time per I/O byte	40 µs
24 V DC	No; Power supply via system power supply
from backplane bus 5 V DC, typ.	1.2 A
from backplane bus 5 V DC, max.	1.5 A
from backplane bus 24 V DC, max.	150 mA; Per DP interface
from interface 5 V DC, max.	90 mA; At each DP interface

ADDITIONAL PRODUCT DATA

Power loss, typ.	5.5 W
Type of memory	other
integrated	768 kbyte
integrated (for program)	512 kbyte
integrated (for data)	256 kbyte

OFFICIAL APPLICATIONS

- Machine and Conveyor Control Cabinets for Cpu 412-3H Redundant Controller: Factory Control Systems Assembly machine I/O stations Production conveyor control panels
- Turbine Auxiliary Control Stations for Cpu 412-3H Redundant Controller: Generation Control Systems Turbine auxiliary cabinets Generator cooling control panels
- Pumping and Treatment Control Stations for Cpu 412-3H Redundant Controller: Utility Control Systems Booster pump PLC cabinets Filtration process control panels

SYSTEM COMPATIBILITY

Match 6ES7412-3HJ14-0AB0 to the installed SIMATIC S7-400H 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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