

SIMATIC S7-400 AUTOMATION

Product Data Sheet

6ES7412-1XF04-0AB0

CPU 412-1 controller

FUNCTION CPU 412-1 controller	FAMILY SIMATIC S7-400 automation	ORIGIN Germany	WEIGHT 0.50 kg
---	--	--------------------------	--------------------------

Siemens Simatic S7 6ES7412-1XF04-0AB0 is a CPU 412-1 controller for the SIMATIC S7-400 automation. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Controller Type	CPU 412-1
Work Memory	144 KB
Code Memory	72 KB for program code
Data Memory	72 KB for program data
Primary Interface	MPI/PROFIBUS DP
Maximum Bus Rate	12 Mbit/s
Firmware Version	V4.0
Engineering Software	STEP 7 V5.2 SP1 HF3 or later
Backplane Current	0.6 A typical at 5 V DC
CiR Base Synchronization	100 ms

- Machine and assembly-line automation: Controlled equipment
- Robot cell and transfer automation: Production equipment
- Boiler, turbine and auxiliary control: Plant equipment

Match 6ES7412-1XF04-0AB0 to the installed SIMATIC S7-400 automation, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens official product documentation](#)

Local official manufacturer PDF: 6ES7412-1XF04-0AB0.pdf