

SIMATIC S7-400 advanced controller

Central processing units

High-availability CPUs

CPU 412-5H, CPU 414-5H, CPU 416-5H, CPU 417-5H

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Ordering data	Article No.	Ordering data	Article No.
CPU 412-5H For S7-400H and S7-400F/FH; 1 MB RAM, 1 combined MPI/ PROFIBUS DP master interface, 1 PROFIBUS DP interface, 2 PROFINET interfaces (switches), 2 slots for sync modules, slot for memory card, incl. slot number labels	6ES7412-5HK06-0AB0	CPU 417-5H For S7-400H and S7-400F/FH; 32 MB RAM, 1 combined MPI/ PROFIBUS DP master interface, 1 PROFIBUS DP interface, 2 PROFINET interfaces (switches), 2 slots for sync modules, slot for memory card, incl. slot number labels	6ES7417-5HT06-0AB0
CPU 412-5H system bundle Not assembled, consisting of: UR2-H rack, 2 x PS 405/407 power supply units, 2 x CPU 412-5H, 4 x sync modules (for max. 10 m), 2 x fiber optic cables for sync modules (1 m), 4 x backup batteries; two additional memory cards required (to be ordered separately) • CPU 412-5H system bundle, 120/230 V AC, 10 A • CPU 412-5H system bundle, 24/48/60 V DC, 10 A	6ES7400-0HR01-4AB0 6ES7400-0HR51-4AB0	CPU 417-5H system bundle Not assembled, consisting of: UR2-H rack, 2 x PS 405/407 power supply units, 2 x CPU 417-5H, 4 x sync modules (for max. 10 m), 2 x fiber optic cables for sync mod- ules (1 m), 4 x backup batteries; two additional memory cards required (to be ordered separately) • CPU 417-5H system bundle, 120/230 V AC, 10 A • CPU 417-5H system bundle, 24/48/60 V DC, 10 A	6ES7400-0HR04-4AB0 6ES7400-0HR54-4AB0
CPU 414-5H For S7-400H and S7-400F/FH; 4 MB RAM, 1 combined MPI/ PROFIBUS DP master interface, 1 PROFIBUS DP interface, 2 PROFINET interfaces (switches), 2 slots for sync modules, slot for memory card, incl. slot number labels	6ES7414-5HM06-0AB0	Memory card RAM 1 MB 2 MB 4 MB 8 MB 16 MB 64 MB	6ES7952-1AK00-0AA0 6ES7952-1AL00-0AA0 6ES7952-1AM00-0AA0 6ES7952-1AP00-0AA0 6ES7952-1AS00-0AA0 6ES7952-1AY00-0AA0
CPU 414-5H system bundle Not assembled, consisting of: UR2-H rack, 2 x PS 405/407 power supply units, 2 x CPU 414-5H, 4 x sync modules (for max. 10 m), 2 x fiber optic cables for sync mod- ules (1 m), 4 x backup batteries; additional two memory cards required (to be ordered separately) • CPU 414-5H system bundle, 120/230 V AC, 10 A • CPU 414-5H system bundle, 24/48/60 V DC, 10 A	6ES7400-0HR02-4AB0 6ES7400-0HR52-4AB0	FEPRAM memory card 1 MB 2 MB 4 MB 8 MB 16 MB 32 MB 64 MB	6ES7952-1KK00-0AA0 6ES7952-1KL00-0AA0 6ES7952-1KM00-0AA0 6ES7952-1KP00-0AA0 6ES7952-1KS00-0AA0 6ES7952-1KT00-0AA0 6ES7952-1KY00-0AA0
CPU 416-5H For S7-400H and S7-400F/FH; 16 MB RAM, 1 combined MPI/ PROFIBUS DP master interface, 1 PROFIBUS DP interface, 2 PROFINET interfaces (switches), 2 slots for sync modules, slot for memory card, incl. slot number labels	6ES7416-5HS06-0AB0	MPI cable For connection of SIMATIC S7 and PG via MPI; 5 m in length	6ES7901-0BF00-0AA0
CPU 416-5H system bundle Not assembled, consisting of: UR2-H rack, 2 x PS 405/407 power supply units, 2 x CPU 416-5H, 4 x sync modules (for max. 10 m), 2 x fiber optic cables for sync mod- ules (1 m), 4 x backup batteries; two additional memory cards required (to be ordered separately) • CPU 416-5H system bundle, 120/230 V AC, 10 A • CPU 416-5H system bundle, 24/48/60 V DC, 10 A	6ES7400-0HR03-4AB0 6ES7400-0HR53-4AB0	Slot number plates 1 set (spare part)	6ES7912-0AA00-0AA0
		S7 F Systems RT License For processing safety-related user programs, for one S7-400H-based system each with CPU 412-5H, CPU 414-5H, CPU 416-5H or CPU 417-5H	6ES7833-1CC00-6YX0
		S7 F Systems V6.1 Programming and configuring envi- ronment for creating and operating safety-related STEP 7 programs for an S7-400H-based target system, floating license for 1 user, runs with Windows XP Prof SP2, Windows XP Prof SP2/SP3, Windows Server 2003 SP2 2 languages (English, German) Type of delivery: Certificate of License as well as software and electronic documenta- tion on CD	6ES7833-1CC02-0YA5