



VIPA System 500S - The PC control system



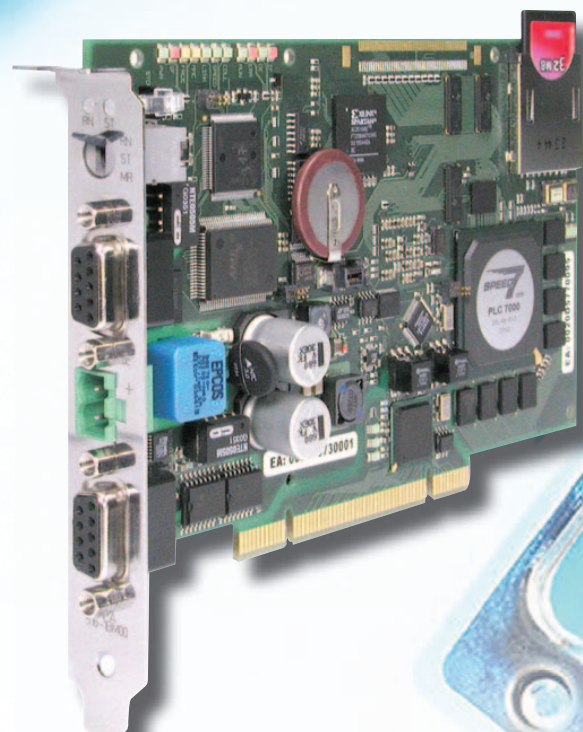
The VIPA System 500S is - with SPEED7 technology - the fastest control system programmable with STEP®7 from Siemens. The maximum possible memory capacity for program and data is already integrated into the SPEED7-CPU. Thereby operating the CPUs is possible without any additional memory cards. It is possible to extend the working memory up to 256KByte or 512KByte with the VIPA MemoryConfigurationCard, if required. The VIPA System 500S is conceived for the application of a PC with PCI-interface. The scope of delivery includes an OPC-server for the communication between CPU and PC. The periphery will be connected via the integrated Profibus-DP master interface. The System 300S-CPU's have an Ethernet interface for PG-/OP-communication as a standard. The CPU 517S/NET is additionally extended with a very fast CP 343 for communication via Ethernet. Due to its very high performance (SPEED7 technology) and scalable memory the CPUs are suitable for complex control tasks.



Control system programmable with STEP®7 from Siemens

Features VIPA System 500S:

- Programmable with Step®7 from Siemens
- High-Speed-CPU's (see diagram)
- Integrated work memory - operation without additional memory card possible!
- Flexible work memory, expandable by inserting a MemoryConfigurationCard
- Integrated accumulator-backed RAM memory
- Real-time clock
- Supporting standard MMC cards for saving of program and data
- Ethernet-, Profibus-DP and MPI-Interface on board
- OPC server included
- 24 months warranty
- UL-standard certification



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CPUs WITH SPEED7 TECHNOLOGY

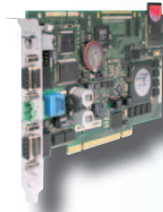


Fig.: 517-2AJ00

Models:

- 515-2AJ00 CPU 515DPM, external DC 24V current supply, 256KByte, expandable up to 2MByte work memory, (50% program/50% data), PCI-Ethernet-Interface for PG/OP-Communication, Profibus-DP-Master
- 517-2AJ00 CPU 517DPM, external DC 24V current supply, 512KByte, expandable up to 8MByte work memory, (50% program/50% data), PCI-Ethernet-Interface for PG/OP-Communication, Profibus-DP-Master
- 517-4NE00 CPU 517NET, external DC 24V current supply, 512KByte, expandable up to 8MByte work memory, (50% program/50% data), PCI-Ethernet-Interface for PG/OP-Communication, Profibus-DP-Master

ACCESSORIES FOR SYSTEM 500S



MCC953-MemoryConfigurationCard
• 32kByte up to 8MByte

Accessories for System 500S:

- HB145D Manual System 500S, German, Rev. 04/35
- HB145E Manual System 500S, English, Rev. 04/35

Memory expansions for System 500S:

- 953-1LE00 Memory expansion 32kByte, 16kByte program/16kByte data for SPEED7-CPUs
- 953-1LFO0 Memory expansion 64kByte, 32kByte program/32kByte data for SPEED7-CPUs
- 953-1LG00 Memory expansion 128kByte, 64kByte program/64kByte data for SPEED7-CPUs
- 953-1LH00 Memory expansion 256kByte, 128kByte program/128kByte data for SPEED7-CPUs
- 953-1LJ00 Memory expansion 512kByte, 256kByte program/256kByte data for SPEED7-CPUs
- 953-1LK00 Memory expansion 1MByte, 512kByte program/512kByte data for SPEED7-CPUs
- 953-1LL00 Memory expansion 2MByte, 1MByte program/1MByte data for SPEED7-CPUs
- 953-1LM00 Memory expansion 4MByte, 2MByte program/2MByte data for SPEED7-CPUs
- 953-1LP00 Memory expansion 8MByte, 4MByte program/4MByte data for SPEED7-CPUs