PLC AC500 – New CPU Modules from ABB
AC500 – More Features and More Performance for Your PLC

Get a faster PLC!
More Communication!
Engineering Tool user-friendly!
Webserver integrated – license-free!

More Web Technologies

Webserver in PLC integrated – license-free
– Enables remote operations via web browsers on Smart-phone, PDA, PC or Webpad
– Automatic supervision of PLC possible
– Easy configuration with PS501 Control Builder AC500

TCP/IP, UDP/IP and SNTP for Ethernet
– Worldwide access to AC500 for system integration, super-vision and programming
– Enables customer-specific network solutions like application-specific database connectivity
– Replaces various fieldbuses by affordable, standardized Ethernet solutions
– SNTP time sync by AC500 as client or master. External time sources like DCF77 or GPS can provide precise timing signals. Application note available
– IP address configuration by CPU keypad possible

IEC60870-5-104 Telecontrol
– AC500 is easily integrated in other automation systems to combine all advantages like for SCADA

MODBUS TCP
– Fast communication with more automation devices

More Memory for the PLC

– Supports customer-specific protocol implementations
– Enables large data storage and easy data management on PLC´s CPU module
– Comprehensive application programs possible
– More easy definition of memory layout
– Up to four times more Program Organisation Units
– Easier OPC symbol file management

One of the fastest PLC

– Single task for whole user program possible. This makes engineering more easy
– The high performance enables the design of faster, more productive machines
– When programming, the fast response time of the CPU saves time and makes programming more fun

More Comfort in Engineering

New Engineering Tool
– Easier configuration of network interfaces accelerates development and maintenance
– Enables new features of the new CPU modules

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for a better world™

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New CPU	Order Number	Web Tech	Memory
PM572	1SAP 130 200 R0200		128 kB
PM573-ETH	1SAP 130 300 R0271	X	512 kB
PM582	1SAP 140 200 R0201		512 kB
PM583-ETH	1SAP 140 300 R0271	X	1024 kB
PM590-ETH	1SAP 150 000 R0271	X	2048 kB
PM591-ETH	1SAP 150 100 R0271	X	4096 kB

New Terminal Bases	Order Number
TB511-ETH	1SAP 111 100 R0270
TB521-ETH	1SAP 112 100 R0270
TB541-ETH	1SAP 114 100 R0270

New Engineering Tool	Order Number
PS501 Control Builder AC500	1SAP 190 100 R0200

Contact us

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