

Automation Products

AC500 PLC

Product News

AC500

Six new CPU modules for more communication and memory



New features available

ABB has enhanced the PLC AC500 by six new CPU modules. Four modules provide an integrated **Ethernet** port with more **web technologies** and two modules offer more memory.

More web technologies:

License-free web server

Now, a web server is integrated in the CPU module! Obsolete are web server license payments and a separate PC running the PC-based web server.

User terminals with web browser can access PLC data. Use cases can be remote maintenance and supervision, SCADA, asset management and predictive maintenance.

Setting up the web server is easy: user program **and** visualization are designed by **only one engineering tool: PS501 Control Builder AC500**, version V2.0.

The AC500 suite of IP protocols provides precise **SNTP** time synchronisation for PLCs which assists **IEC 60870-5-104**. This is highly appreciated in applications for renewable energy and advantageous for control systems in substations and sun trackers. IEC 60870-5-104 is specific for grids.

SNTP - the Simple Network Time Protocol - can be used where identical time at different control systems is important. AC500 with SNTP can either act as time server or client.

Customers can use the new **SysLibSocket library** to design customer-specific data communication.

More IP Sockets

Concurrently open IP sockets have been increased up to 32, enabling more IP-communication with other control systems.

More memory:

Smallest memory size is raised from 64 to 128 kB. More memory allows customers to design more precise calculations, more functionality – for even better individual customer solutions.

New CPU	Order Number	Memory	New CPU, Ethernet, Web	Order Number	Web Tech	Memory
PM572	1SAP130200R0200	128 kB	PM573-ETH	1SAP130300R0271	✓	512 kB
PM582	1SAP140200R0200	512 kB	PM583-ETH	1SAP140300R0271	✓	1024 kB
			PM590-ETH	1SAP150000R0271	✓	2048 kB
			PM591-ETH	1SAP150100R0271	✓	4096 kB