

Automation Products

CP600

New visualization for more flexibility

14.12.2011

CP600 Operator panel series



Technical details

The CP600 series, ABB's latest HMI is now available in a larger range, starting from the entry level (4.3") to the high-end panel (15"). It is highly flexible and is specifically designed for advanced applications in complex systems or processes.

The CP600 displays premium graphic panels created with the Panel Builder 600 engineering software or the web browser panels via the PLC web server visualization, the CP600 series allow a more effective representation of information to ease human machine interaction.

Engineering software

The engineering software used for the CP600 series is based on XML technology which allows you to create easy intuitive graphics. Visual objects created with Scalable Vector Graphics (SVG) are totally independent of the operating system, providing high customization flexibility and easy integration with your automation system.

Easy creation of dynamic objects with configurable properties, ability to interconnect objects, transformation or easy resizing further help you get the most from your creative design.

Web panels

The CP600-WEB panels on the other hand provide an ideal solution to represent the CoDeSys built-in visualization of PLCs on a touch screen. The MicroBrowser of the CP600-WEB panels directly reflects the variables and pictures created in the CoDeSys visualization, which are integrated and downloaded to the web server of the PLC.

No separate programming tool for the panel is needed, which helps you save engineering time. The screens are programmed within PS501 Control Builder Plus, the PLC programming tool, and downloaded to the PLC web server.

The CoDeSys visualization can access every variable of the PLC program without any synchronization tool. The combination of a CP600-WEB panel and an AC500 PLC with an integrated web server linked together via Ethernet gives an easy and professional graphical interface to the AC500.

Order codes

CP620	1SAP 520 100 R0001	CP620-WEB	1SAP 520 200 R0001
CP630	1SAP 530 100 R0001	CP630-WEB	1SAP 530 200 R0001
CP635	1SAP 535 100 R0001	CP635-WEB	1SAP 535 200 R0001
CP650	1SAP 550 100 R0001	CP650-WEB	1SAP 550 200 R0001
CP660	1SAP 560 100 R0001	CP660-WEB	1SAP 560 200 R0001
CP675	1SAP 575 100 R0001	CP675-WEB	1SAP 575 200 R0001