Actual size 7" CP600 HMI with standard Drive Faceplate

ABB Automation Products
Helping OEMs build better machines

ABB is uniquely positioned to deliver superior, comprehensive automation solutions to meet your needs. As a global market leader in drives, motors, PACs, communications, and services, ABB has what it takes to fully support you with today's demanding industrial applications.

Actual size 2HP ACS380 Drive from the ABB All-Compatible Drive family

– Choose from over 20 communication protocols to access the network you need, from fieldbus, to enterprise, to IIoT.
– Easy IIoT integration with HTML5 web visualization and integrated OPC UA and MQTT.

– Extensive range of HMIs
– Standard Drive Faceplates to easily monitor, control, and diagnose drives from the HMI.

– All-compatible drives for interface, process, business, and environmental consistency.
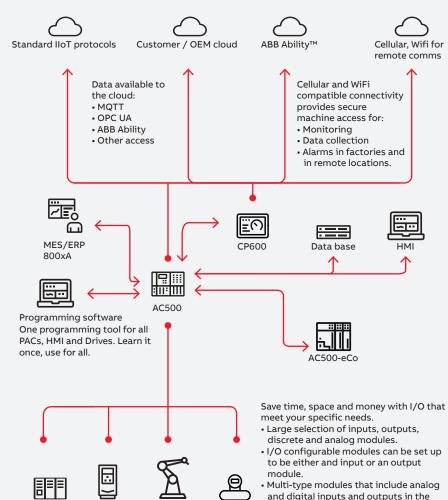– Drive Library provides programming for drive control and communication.
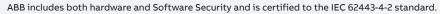– Functional safety built in.

With you every step of the way
ABB's experts are on hand to offer technical advice from dimensioning through to energy saving. ABB and our partners can help with installation and commissioning, and throughout the operations and maintenance phases of the products' life cycle, providing preventive maintenance programs tailored to your customers' needs.

– 1, 2 or 3 Ethernet™ ports on every CPU and HMI. 2 port CPU units have integral switch.
– Commission, program, and simulate using a single tool for PACs, safety, drives, HMI, and networks.

– Complete controller line from the compact AC500-eCo PLC to the powerful AC500 PACs.
– Mix and match over 44 unique I/O modules to closely fit the application.
– Use the same programming software for all AC500 and AC500-eCo systems.

– Extreme condition PAC modules, drives, HMIs, and motors.

ABB includes both hardware and Software Security and is certified to the IEC 62443-4-2 standard.

Data available to the cloud:
• MQTT
• OPC UA
• ABB Ability
• Other access

Cellular and WiFi compatible connectivity provides secure machine access for:
• Monitoring
• Data collection
• Alarms in factories and in remote locations.

Programming software
One programming tool for all PACs, HMI and Drives. Learn it once, use for all.

Save time, space and money with I/O that meet your specific needs.
• Large selection of inputs, outputs, discrete and analog modules.
• I/O configurable modules can be set up to be either and input or an output module.
• Multi-type modules that include analog and digital inputs and outputs in the same module.