AC500-eCo CPU provides up to 12 DI, 6 DO, 2 DC, 2 Ethernet™ ports, and 3 option boards.

AC500 PLC provides up to 12 DI, 6 DO, and 2 Ethernet™ ports. Communications modules are available to support the AC500 PLC.

AC500 CPUs are compatible with all modules. Safety, Hot Swap and other modules are available with the AC500 CPU.

Configurable (DI or DO), and Positioning modules increase flexibility.

Available with Extreme Condition ratings.

Combine AC500 and AC500-eCo flexible I/O module types into the same system to efficiently meet your application needs.

Compact and efficient I/O modules are available in 24 VDC and 120/240 VAC.
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.

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’ lifecycle, providing preventive maintenance programs tailored to your customers’ needs.

• Choice from over 20 communication protocols to access the network you need, from Fieldbus, to Ethernet, to...
• Easy-to-integrate with HMI via HTML5 web visualization and integrated OPC, Web and MQTT.
• Complete controller line from the compact ACS580-eCo PLC to the powerful ACS580 PACs.
• Mix and match over 44 unique I/O modules to closely fit the application.
• Use the same programming software for all ACS500 and ACS500-eCo systems.
• Choose from over 20 communication protocols to access the network you need, from Fieldbus, to Ethernet, to...
• Easy-to-integrate with HMI via HTML5 web visualization and integrated OPC, Web and MQTT.

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

• 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 remote locations.

• Large selection of inputs, outputs, discrete and analog modules.
• I/O configurable modules can be set up to be either input or output modules.
• Multi-type modules that include analog and digital inputs and outputs in the same module.