

Discrete Automation and Motion Global Product Group PLC Latest Product News AC500-eCo

AC500-eCo

Eight new devices
for more scalability



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Technical Details

In modern industrial automation applications, small PLC solutions are often an ideal solution, particularly as part of a stand-alone environment. With the introduction of the AC500-eCo, ABB has added a great product to the AC500 family. The selection now offers an even more cost-effective solution for your smaller projects. The AC500-eCo has been designed to enhance the flexible and scalable concept of the AC500 PLC line. Part of the AC500-eCo package is a comprehensive range of communication options, including Modbus master/slave or CS31, which are rarely provided with such products. The 128kB user memory and a program processing time of 0.1 μ s/instruction are just two examples of the AC500-eCo's impressive performance.

Easy to program

In addition to its inter-operability with the existing AC500 range, the AC500-eCo system is also configured and programmed using the PS501 Control Builder AC500 software based on CoDeSys. One programming software for the whole AC500 family which complies with the EN 61131-3 standard, including five programming languages to provide customers with a single, simple and integrated software platform.

More versatility

With four new CPU and four new I/O devices ABB continues the AC500-eCo success story. For example, the new CPU versions offer integrated digital and analog inputs and outputs along with relay outputs. CPUs can be provided in 24 V DC or 100-240 V AC power supply versions according to your requirements.

Relay and triac output modules together with a 100-240 V AC digital input module are added to the S500-eCo I/O range. A highlight is the new I/O module DX571 which combines digital inputs and relay outputs in one module allowing customized and cost-saving application solutions.

More solutions

The AC500 concept is a unique example of a flexible, future-oriented automation platform. The simple system structure, standardized interfaces and programming environment allow quick and easy configuration.

Order codes

PM554-R: 1TNE 968 900 R0200
PM554-R-AC: 1TNE 968 900 R0220
PM564-R: 1TNE 968 900 R1200
PM564-R-AC: 1TNE 968 900 R1220

DI571: 1TNE 968 902 R2103
DO571: 1TNE 968 902 R2202
DO572: 1TNE 968 902 R2203
DX571: 1TNE 968 902 R2302