

AC500-eCo

Key features



• High performance variant with large memory available

- Up to 10 I/O modules connected to the CPU
- Compatible with all standard I/O modules (S500 and S500-eCo)
- Digital I/O module with configurable I/O available

- Three different types of terminal blocks available
- Integrated onboard I/O
- AC versions with integrated power supply

- Comprehensive communication options:
 - Ethernet for communication and web server for user defined visualization
 - Up to two serial ports for decentralized I/O and communication

AC500-eCo

Ordering data

AC500-eCo CPUs

- 1 RS485 serial interface (2nd is optional)
- Centrally expandable with up to 10 I/O modules (standard S500 and/or S500-eCo modules can be mixed)
- Optional SD card adapter for data storage and program backup
- Variants with integrated Ethernet (Ethernet includes web server)
- Minimum cycle time per instruction: Bit 0.08 μ s, Word 0.1 μ s, Float-point 1.2 μ s.

Program memory kB	Onboard I/Os DI/DO/AI/AO	Relay /Transistor outputs	Integrated communication	Power supply	Type	Order code	Price	Weight (1 pce) kg
PM554: digital I/Os								
128	8 / 6 / - / -	Transistor	-	24 V DC	PM554-TP	1SAP120600R0001		0.300
128	8 / 6 / - / -	Relay	-	24 V DC	PM554-RP	1SAP120700R0001		0.400
128	8 / 6 / - / -	Relay	-	100-240 V AC	PM554-RP-AC	1SAP120800R0001		0.400
128	8 / 6 / - / -	Transistor	Ethernet	24 V DC	PM554-TP-ETH	1SAP120600R0071		0.400
PM556: digital I/Os, 512 kB program memory								
512	8 / 6 / - / -	Transistor	Ethernet	24 V DC	PM556-TP-ETH	1SAP121200R0071		0.400
PM564: digital and analog I/Os (1)								
128	6 / 6 / 2 / 1	Transistor	-	24 V DC	PM564-TP	1SAP120900R0001		0.300
128	6 / 6 / 2 / 1	Relay	-	24 V DC	PM564-RP	1SAP121000R0001		0.400
128	6 / 6 / 2 / 1	Relay	-	100-240 V AC	PM564-RP-AC	1SAP121100R0001		0.400
128	6 / 6 / 2 / 1	Transistor	Ethernet	24 V DC	PM564-TP-ETH	1SAP120900R0071		0.300
128	6 / 6 / 2 / 1	Relay	Ethernet	24 V DC	PM564-RP-ETH	1SAP121000R0071		0.400
128	6 / 6 / 2 / 1	Relay	Ethernet	100-240 V AC	PM564-RP-ETH-AC	1SAP121100R0071		0.400
PM566: digital and analog I/Os, 512 kB program memory (1)								
512	6 / 6 / 2 / 1	Transistor	Ethernet	24 V DC	PM566-TP-ETH	1SAP121500R0071		0.400

Terminal blocks (9 and 11 poles) are necessary for each AC500-eCo I/O. The terminal blocks must be ordered separately.

(1) All analog inputs on PM564 and PM566 can be configured as digital inputs.



PM554
AC500-eCo CPU
with Ethernet



PM564
AC500-eCo CPU
without Ethernet