

AC500-XC

Key features



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• Lower lifetime cost and many of the traditional practices are not required, such as: HVAC for the panel, shock absorbers, door sealing, etc...

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• Resistance to:

- High humidity
- Salt mist
- Vibration
- High altitude
- Corrosive gases
- Temperature: from -40 to +70 °C

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• All the benefits from AC500 range: Automation Builder engineering suite, I/O modules, scalable and flexible, same high performance communication, libraries and web services

AC500-XC

Ordering data

AC500 CPUs

- 2 internal serial interfaces, RS232 / RS485 configurable
- Display and 8 function keys for diagnosis and status
- Centrally expandable with up to 10 I/O modules (S500) for a total of 320 Digital I/Os or 160 Analog I/Os
- Simultaneous operation of up to 4 external communication modules in any desired combination
- Optional SD card for data storage and program backup
- Can also be used as slave for PROFIBUS DP, CANopen or PROFINET IO using CM582-DP-XC, CM588-CN-XC, CM589-PNIO-XC or CM589-PNIO-4-XC communication modules
- Ethernet version provides web server and IEC 60870-5-104 remote control protocol.

Program memory kB	Cycle time in μ s per instruction min. Bit/Word/Float. point	Integrated communication	Type	Order code	Price	Weight (1 pce) kg
512	0.06 / 0.09 / 0.7	Ethernet (1), 2 x serial	PM573-ETH-XC	1SAP330300R0271		0.150
512	0.05 / 0.06 / 0.5	2 x serial	PM582-XC	1SAP340200R0201		0.135
1024	0.05 / 0.06 / 0.5	Ethernet (1), 2 x serial	PM583-ETH-XC	1SAP340300R0271		0.150
4096	0.002 / 0.004 / 0.004	Ethernet (1), 2 x serial	PM591-ETH-XC	1SAP350100R0271		0.150
4096	0.002 / 0.004 / 0.004	Ethernet (1), 2 x serial	PM592-ETH-XC (2)	1SAP350200R0271		0.150



PM573-ETH-XC



PM592-ETH-XC

AC500 CPU PM595

- 2 Ethernet interfaces with integrated switch and software configurable protocol (PROFINET IO Controller, EtherCAT Master or Ethernet e.g. Modbus TCP client/server)
- 2 independent Ethernet interfaces for programming, online access, web server, ModbusTCP, IEC 60870-5-104 protocol e.g.
- 2 serial interfaces, RS232 / RS485 configurable
- Centrally expandable with up to 10 I/O modules (S500 and/or S500-eCo modules allowed)
- Simultaneous operation of up to 2 external communication modules in any desired combination, no need of additional terminal base

Program memory MB	Cycle time in μ s per instruction min. Bit/Word/Float. point	Integrated communication	Type	Order code	Price	Weight (1 pce) kg
16	0.0006/0.001/0.001	2 x Ethernet for Fieldbus (2 Ports switch), 2 x Ethernet (1), 2 x serial	PM595-4ETH-M-XC (2)	1SAP351500R0279		1.050

(1) Provides integrated web server and IEC 60870-5-104 remote control protocol on each interface independently.

(2) Provides integrated 4 GB flashdisk for user data storage and data logging.



PM595-4ETH-M-XC