

# Automation Products GmbH

## AC500 PLCs

### The new AC500 CPU PM591-2ETH

The new AC500 CPU PM591-2ETH offers proven performance, reliability, scalability and integrated Safety combined with two Ethernet interfaces on board.



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#### Features of the new CPU PM591-2ETH

This CPU – the PM591-2ETH combines the characteristics of well-known and proven PM591 with more connectivity capabilities offering built in 2 Ethernet ports.

- 4MB User Program and 4MB Data
- SD Card Slot for fast upgrades and updates
- One RS232/485 serial interface COM1
- Two independent onboard Ethernet interfaces
  - IEC 60870-5-104 protocol on both channels independently
  - Webserver functions
  - Up to 2x32 IP sockets, thereof 61 free for programming use
- Usable with dedicated terminal base with to 2 Ethernet slots TB523-2ETH
- Compatible and reuse of all AC500 platform products

#### Advantages for the customers

- More connectivity
  - Two independent on board Ethernet interfaces
  - More devices can be addressed, doubled IP sockets for simultaneous device communication (e.g. MODBUS TCP)
- Redundancy of control lines
  - two independent ports for telecontrol protocol IEC60870-5-104
- Creating separate Network
  - E.g. one port for webserver and one for MODBUS TCP
- Easy to maintain and to install
  - Compatible to the AC500 I/O family assortment
  - SD Card for backup and fast upgrades
  - Programming, Automation Builder – one Engineering Suite

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#### Ordering Information

The PM591-2ETH will be used with the dedicated terminal base TB523-2ETH with to 2 expansion slots.

Product Designation/Product Type	Order Code
PM591-2ETH	1SAP150100R0277
TB523-2ETH	1SAP351500R0279

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