Automation Products
AC500-eCo
Product News AC500-eCo CPUs

20.12.2013

New AC500-eCo CPUs

for use with pluggable

terminal blocks

New compatible CPUs

Identical terminal blocks for CPUs and

S500-eCo I/O modules

Features of new CPUs

New AC500-eCo CPUs for use with pluggable terminal blocks are available.

In the fixed terminal CPUs, one pair of screw type terminal blocks is mounted to the CPU and cannot be removed. In the new CPUs, the terminal blocks can be removed.

- The new CPUs have the same mechanical dimensions, compatible hardware and can be used with the same options and accessories as the fixed terminal CPU assortment.

- The new CPUs offer the same specifications and features and can be used as replacement for the fixed terminal CPU assortment.

- You can choose between three types of terminal blocks for the CPU. The terminal blocks have to be ordered separately.

- Pluggable terminal blocks are used for the onboard I/O channels – the position of all signals on the CPU and the terminal blocks remains unchanged.

- All types of terminal blocks used for the S500-eCo I/O modules can also be used with the new AC500-eCo CPUs.

Advantages

- The deliveries of the new CPUs start with Firmware version V2.3.x which is supported by the released Automation Builder 1.0 and later versions.

- Three types of terminal blocks are available and can be ordered separately.

- Pre-wiring of panels without CPU is now possible.

- The CPU can be replaced easily.

- The CPU can be installed later during commissioning.

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Change in ordering procedure

The new CPUs have

- a different type identifier (Product Designation/Product Type) and a different order code.

- They are delivered without terminal blocks for the onboard I/O channels.
- The terminal blocks have to be ordered separately. Each CPU requires one nine pole and one eleven pole terminal block.

New order codes and new type designators

The letter **P** is the differentiator in the new product designation. P stands for "pluggable":

Fixed terminal CPUs Product Designation	Order code (with terminal blocks)		New Product Designation	Order code (without terminal blocks)
PM554-R	1TNE968900R0200	→	PM554-R**P**	1SAP120700R0001
PM554-R-AC	1TNE968900R0220	→	PM554-R**P**-AC	1SAP120800R0001
PM554-T	1TNE968900R0100	→	PM554-T**P**	1SAP120600R0001
PM554-T-ETH	1TNE968900R0110	→	PM554-T**P**-ETH	1SAP120600R0071
PM564-R	1TNE968900R1200	→	PM564-R**P**	1SAP121000R0001
PM564-R-AC	1TNE968900R1220	→	PM564-R**P**-AC	1SAP121100R0001
PM564-R-ETH	1TNE968900R1210	→	PM564-R**P**-ETH	1SAP121000R0071
PM564-R-ETH-AC	1TNE968900R1211	→	PM564-R**P**-ETH-AC	1SAP121100R0071
PM564-T	1TNE968900R1100	→	PM564-T**P**	1SAP120900R0001
PM564-T-ETH	1TNE968900R1110	→	PM564-T**P**-ETH	1SAP120900R0071

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Terminal blocks suitable for the new CPU modules

For each new CPU one nine pole and one eleven pole terminal block is required. The terminal blocks for AC500-eCo CPUs and S500-eCo I/O modules are identical. You can now also choose between three types of terminal blocks for the CPU.

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Description	Product Designation for 9 pole terminal block	Order code for 9 pole terminal blocks (Quantity: 6 pieces)	Product Designation for 11 pole terminal block	Order code for 11 pole terminal blocks (Quantity: 6 pieces)
Screw type terminal block with **cable** insertion from the **side**	TA563-9	1TNE968901R3101	TA563-11	1TNE968901R3102
Screw type terminal block with **cable** insertion from the **front**	TA564-9	1TNE968901R3103	TA564-11	1TNE968901R3104
Spring type terminal block with **cable** insertion from the **front**	TA565-9	1TNE968901R3105	TA565-11	1TNE968901R3106

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Note:

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