Dear Colleagues,

We are pleased to announce the sales release of the new AC500-eCo CPUs for use with pluggable terminal blocks. THESE WILL REPLACE all of the existing non-pluggable eCo CPU models. List prices are reduced on the eCo PLCs to accommodate the extra cost of terminal blocks. (see page 3)

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.

Features of new CPUs

− 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.
− The customer 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 for the customers

− 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.
Change in ordering procedure
- The new CPUs have a different type identifier (Product Designation/Product Type) and a different order code (in cBOL).
- They are delivered without terminal blocks for the onboard I/O channels.

New order codes and new type designators
The letter P is the differentiator in the new product designation. P stands for “pluggable”

<table>
<thead>
<tr>
<th>Fixed terminal CPUs Product Designation (Limited 04/2014)</th>
<th>Order code (with terminal blocks will be obsolete as of 4-1-2014)</th>
<th>New Product Designation</th>
<th>Order code (without terminal blocks)</th>
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</thead>
<tbody>
<tr>
<td>PM554-R</td>
<td>1TNE968900R0200</td>
<td>PM554-RP</td>
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<td>PM554-R-AC</td>
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<td>PM554-RP-AC</td>
<td>1SAP120800R0001</td>
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<td>1TNE968900R0100</td>
<td>PM554-TP</td>
<td>1SAP120600R0001</td>
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<tr>
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<td>PM554-TP-ETH</td>
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<td>PM564-R</td>
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<td>PM564-R-ETH-AC</td>
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</tr>
</tbody>
</table>

NOTE: All 1TNE* part numbers will be discontinued as of April 1, 2014

Terminal blocks suitable for the new CPU module
For each new CPU one nine pole and one eleven pole terminal block is required. The terminal blocks pricing is as published in the Motion and PLC price list. 9 Pole blocks are $11 list and 11 pole blocks are $13 list.

<table>
<thead>
<tr>
<th>Description</th>
<th>Product Designation for 9 pole terminal block</th>
<th>Order code for 9 pole terminal blocks</th>
<th>Product Designation for 11 pole terminal block</th>
<th>Order code for 11 pole terminal blocks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw type</td>
<td>TA563-9</td>
<td>1TNE968901R3101</td>
<td>TA563-11</td>
<td>1TNE968901R3102</td>
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<tr>
<td>Screw type</td>
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<td>1TNE968901R3103</td>
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<td>1TNE968901R3104</td>
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<td>Spring type</td>
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<td>TA565-11</td>
<td>1TNE968901R3106</td>
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</tbody>
</table>

- They are suitable for new AC500-eCo CPUs and S500-eCo I/O modules.
- The terminal blocks for CPUs and S500-eCo I/O modules are identical. The customer can now also choose between three types of terminal blocks for the CPU.
Spare parts and ongoing projects
The CPU modules with fixed terminal blocks will be available only until April 1st, 2014.

The new CPUs can be used as spare parts and replacement for the current assortment when the necessary terminal blocks are ordered together with the CPU modules and the following conditions are observed:

Projects with Control Builder Plus Version 2.x
Deliveries of the new CPUs are starting with Firmware version V2.3.x which is upward compatible to the previous Firmware versions V2.2.x, V2.1.x and V2.0.x.

Best Regards,

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