Our aim is to expand our business for applications demanding built in analog and digital I/O and huge program memory in a compact PLC.

Dear Colleagues,
We are pleased to provide you with the information regarding the launch of a new AC500-eCo CPU module with four times the program memory of the standard AC500-eCo CPU and onboard analog I/O for micro-PLC applications.

The new module is a variant of PM556-TP-ETH and is positioned at the upper end of the AC500-eCo range.

Features
- Program memory four times bigger than in the standard AC500-eCo CPU.
- Onboard I/O: 6 DI, 2 AI, 6 DO-Transistor and 1 AO.
- SMTP client for sending e-mail to an e-mail server.
- All types of terminal blocks that are used for the S500-eCo I/O modules can be used with this new AC500-eCo CPU.
- The new CPU module has the same dimensions and can be used with the same options and accessories as the current assortment.
- The module Firmware is version 2.4.x. The Device Description for the Automation Builder engineering suite is available since version V1.1.2.

Benefits
- One engineering suite Automation Builder for the AC500 platform.
- Fits to all I/O modules in the S500 and S500-eCo assortment.
- Analog signals from sensors can directly be processed in the CPU (no additional I/O module needed for up to 2 analog inputs and 1 analog output).
- Easy and fast integration for maintenance activities by sending e-mails.
- For more intensive micro-PLC applications (increased memory for application program, user data and web server).

Memory data in comparison to other CPU types in the platform

<table>
<thead>
<tr>
<th>Feature</th>
<th>PM564-xx-ETH</th>
<th>PM566-TP-ETH</th>
<th>PM573-ETH</th>
</tr>
</thead>
<tbody>
<tr>
<td>User program memory</td>
<td>128 kByte</td>
<td>512 kByte</td>
<td>512 kByte</td>
</tr>
<tr>
<td>Integrated user data memory</td>
<td>14 kByte</td>
<td>130 kByte</td>
<td>512 kByte</td>
</tr>
<tr>
<td>thereof 2 kByte saved</td>
<td></td>
<td>thereof 2 kByte saved</td>
<td>thereof 288 kByte saved</td>
</tr>
<tr>
<td>Web server’s data for user RAM disk</td>
<td>512 kByte</td>
<td>1024 kByte</td>
<td>1024 kByte</td>
</tr>
</tbody>
</table>

Ordering Information
Please note that the terminal blocks have to be ordered separately from the CPU module

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Order Code</th>
<th>Description</th>
<th>EAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM566-TP-ETH</td>
<td>1SAP121500R0071</td>
<td>CPU with 512kB user memory, Ethernet interface, digital/analog I/O 6DI/2AI/6DO-T/1AO, 24VDC supply</td>
<td>4013614501708</td>
</tr>
</tbody>
</table>

Christopher Stamas
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