Dear Colleagues,

We are pleased to announce the sales release of the new output modules DO562 and DO573 as well as the configurable DC562 module which extend the range of AC500 line S500-eCo I/O modules.

Product features
The modules can be used with all CPUs in the AC500 and AC500-eCo range as well as with the communication interface modules CI58x-CN, CI50x-PNIO, CI54x-DP, DC551-CS31 or CI592-CS31 for remote I/O configurations (in combination with AC500 CPUs).
- DC562 provides 16 configurable channels (can be used as input or output) with transistor outputs for 24 V DC 0.5A. This adds to the existing S500 configurable I/O card lineup
- DO562 contains 16 transistor outputs 24 V DC 0.5A.
- DO573 contains 16 relay outputs arranged in two groups of 8, which allows the use of two different control voltage circuits. Nominal current per contact is 2 A. Max load current per group of 8 contacts is 10 A.
- All channels can be simultaneously ON in the normal operation temperature range; no de-rating for transistor outputs.

PLC programming tool
ABB’s latest Automation Builder 1.0.1 is the integrated engineering suite which includes the PLC programming tool Control Builder Plus V2.3.

For configuring these modules, please install the Control Builder Plus update package that can be downloaded from our website.

The Control Builder Plus update package for version 2.3 is available for download at www.abb.com/plc, click on the Software Updates link located in the lower right corner of the website screen. Look for the PS501-UPDA that includes support for these modules.

Applications
The modules are intended for projects or OEM applications in water and wastewater, material handling, packaging, building automation, HVAC, rubber, plastics, and food / beverage.

The DO573 relay module allows access to new and retrofit business with AC control voltage as well as applications with DC control voltages.

Customer Benefits
- Facilitates one for one I/O replacement of competing PLC offerings
- More I/O possibilities when planning configurations
- Optimized use of space in the cabinet
- Wiring for inputs can be separated from wiring for outputs using segregated modules per customer specifications.
- 16 relay outputs in one module for applications with AC or DC control voltage
Ordering Information
The modules are delivered without terminal blocks. The terminal blocks used for AC500-eCo CPUs and S500-eCo I/O modules are identical. For each of the new modules one nine pole and one eleven pole terminal block is required and must be ordered separately.

<table>
<thead>
<tr>
<th>Product Designation/ Product Type</th>
<th>Order Code</th>
<th>Description</th>
<th>List Price</th>
<th>EAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC562</td>
<td>1SAP231900R0000</td>
<td>DC562: S500, Digital I/O Mod. 16DC: 24 V DC/0.5A, 1-wire</td>
<td>$182</td>
<td>4016779927574</td>
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<td>DO562</td>
<td>1SAP230900R0000</td>
<td>DO562: S500, Digital Out. Mod. 16DO-Transistor: 24 V DC/0.5A, 1-wire</td>
<td>$167</td>
<td>4016779927581</td>
</tr>
<tr>
<td>DO573</td>
<td>1SAP231300R0000</td>
<td>DO573: S500, Digital Out. Mod. 16DO-Relay: 230 V AC/2A, 1-wire</td>
<td>$194</td>
<td>4016779927598</td>
</tr>
</tbody>
</table>

Terminal blocks suitable for the new S500-eCo I/O modules and eCo PLC CPUs

<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 terminal block with cable insertion from the side</td>
<td>TA563-9</td>
<td>1TNE968901R3101</td>
<td>TA563-11</td>
<td>1TNE968901R3102</td>
</tr>
<tr>
<td>Screw type terminal block with cable insertion from the front</td>
<td>TA564-9</td>
<td>1TNE968901R3103</td>
<td>TA564-11</td>
<td>1TNE968901R3104</td>
</tr>
<tr>
<td>Spring type terminal block with cable insertion from the front</td>
<td>TA565-9</td>
<td>1TNE968901R3105</td>
<td>TA565-11</td>
<td>1TNE968901R3106</td>
</tr>
</tbody>
</table>

Note: List price for 9-pole terminal blocks is $11 each and list price for 11-pole terminal blocks is $13 each as found in the Motion and PLC price list.

Best Regards,

Christopher T. Stamas
Product Line Manager - Automation Products
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