Features
The new DO524 transistor output module extends the range of S500 modules. The module can be used as local I/O with all CPU modules in the AC500 and AC500-eCo range. It can also be used as remote I/O with the communication interface modules in combination with AC500 as master CPU.

Features of the new Digital Output Module DO524
- High specification 32 transistor output channels with short-circuit and overload protection for all individual channels
- Standard S500 housing 68mm
- Maximum 8A current into the terminal unit is allowed
- Extended temperature and environmental conditions for XC version
- Substitute value for the outputs is configurable in case of lack of communication
- 320 outputs possible on CPU and more than 320 outputs possible per Fieldbus Node
- Standard S500 TU515/TU516(-XC) terminals

Advantages
- Cost and footprint optimized for digital outputs configurations & 30% less footprint required
- Engineering efficiency - integrated into Automation Builder programming tool via software update
- Enables simpler quotation and conversion of incumbent PLC manufacturer
- Outputs can be separated completely from inputs e.g. customers who group large numbers of inputs separately from large numbers of outputs
- Easier maintenance and diagnosis by separating outputs and inputs
<table>
<thead>
<tr>
<th>Order Code</th>
<th>Product Type/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1SAP 240 700 R0001</td>
<td>DO524 - 32 DO Transistor 24V DC 0.5A overload protected S500 form factor – to be used with TU515, TU516</td>
</tr>
<tr>
<td>1SAP 440 700 R0001</td>
<td>DO524 – XC 32 DO Transistor 24V DC 0.5A overload protected S500 form factor – Outdoor version to be used with TU516-XC</td>
</tr>
</tbody>
</table>

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