Digital input/output module

16 digital input switches, 16 digital output LEDs

- Ideal for machine set-up and testing
- Use to set operating parameters at the controller
- Mode or Recipe selection
- Training simulator
- Bi-directional switches

General specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inputs per module</td>
<td>16</td>
</tr>
<tr>
<td>Input type</td>
<td>Switch</td>
</tr>
<tr>
<td>Outputs per module</td>
<td>16</td>
</tr>
<tr>
<td>Output type</td>
<td>Bi-color LED</td>
</tr>
<tr>
<td>Module size</td>
<td>1 rack slot (0.75”/19 mm)</td>
</tr>
<tr>
<td>Isolation rating</td>
<td>500 VDC</td>
</tr>
<tr>
<td>Operating temperature</td>
<td></td>
</tr>
<tr>
<td>Horizontal installation</td>
<td>0 - 50°C</td>
</tr>
<tr>
<td>Vertical installation</td>
<td>0 - 45°C</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-25 – 85°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>5 – 95% non-condensing</td>
</tr>
</tbody>
</table>

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5300 I/O Modules

Digital input/output module

Switch left:
- DIN 2 ON
- DIN 4 ON
- DIN 6 ON
- DIN 8 ON

LED bank 1
- DIN 1 ON
- DIN 3 ON
- DIN 5 ON
- DIN 7 ON

LED bank 2
- DIN 9 ON
- DIN 11 ON
- DIN 13 ON
- DIN 15 ON

Switch right:
- DIN 1 ON
- DIN 3 ON
- DIN 5 ON
- DIN 7 ON

LED bank 1
- DOUT 2 ON
- DOUT 4 ON
- DOUT 6 ON
- DOUT 8 ON

LED bank 2
- DOUT 10 ON
- DOUT 12 ON
- DOUT 14 ON
- DOUT 16 ON

Notes
1. Even inputs (DIN 2, 4, 6...) will be turned off if the switch is pushed to the center or right. Odd inputs (DIN 1, 3, 5...) will be turned off if the switch is pushed to the center or left.
2. An output's LED is green if its odd output is on and its even output is off. An output's LED is red when its even output is on and its odd output is off. The LED is off if both of its outputs are on or both of its outputs are off. Example: the LED for DOUT 9 and DOUT 10 (1st LED in bank 2) will be green if DOUT 9 is on and DOUT 10 is off. It will be red if DOUT 10 is on and DOUT 9 is off. If DOUT 9 and 10 are either both on or both off, the LED will be off.