The IOP 0008 A Input/Output Module has eight independent digital inputs and eight open collector outputs for individual displays or flexible connection of various electrical devices.

- Interface for electrically isolated inputs and outputs
- Ready to go thanks to plug-and-play technology and pluggable terminal blocks
System Overview

<table>
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<tr>
<th>Pos.</th>
<th>Description</th>
<th>Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-8</td>
<td>OUT1-OUT8</td>
<td>8 outputs with a max. voltage of 35 V DC, nominal 700 mA</td>
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<tr>
<td>9-12</td>
<td>GND</td>
<td>Ground</td>
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<tr>
<td>13-20</td>
<td>IN1-IN8</td>
<td>8 inputs with a max. voltage of 5 V DC at 0.1 mA per input</td>
</tr>
<tr>
<td>21-24</td>
<td>GND</td>
<td>Ground</td>
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</tbody>
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Parts Included

<table>
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<th>Qty.</th>
<th>Components</th>
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<tr>
<td>1</td>
<td>IOP 0008 A Input/Output Module</td>
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Technical Specifications

**Electrical**

- Input voltage: 20 V DC to 30 V DC
  - 5 V DC ± 5%
- Max. current consumption: 10 mA (at 24 V DC)
- Output current: Max 1.5 A, nominal 700 mA (short-circuit protected)
- Max. cable length: 3 m (10 ft.) per input/output

**Mechanics**

- Housing material: ABS plastic, Polylac PA-766 (UL94 V-0)
- Housing color: Satin finish, anthracite, RAL 7016
- Dimensions: Approx. 127 x 96 x 60 mm (5.0 x 3.8 x 2.4 in.)
- Weight: Approx. 150 g (5.3 ounces)

**Environmental conditions**

- Permitted operating temperature: -5 °C to 50 °C (23 °F to 122 °F)
- Permitted storage temperature: -20 °C to 60°C (-4 °F to 140 °F)
- Permitted relative humidity: 95%, non-condensing
- Protection class as per IEC 60529: IP 30

Ordering Information

IOP 0008 A Input/Output Module

for individual displays or flexible connection of various electrical devices, providing eight independent digital inputs and eight open collector outputs