We provide you with expertise and solutions from board and device design to circuit board production and field installation. (left column)

OMNIMATE – device connectivity
and electronics housings

As experienced experts we support our customers and partners around the world with solutions. OMNIMATE provides the best possible solutions for your projects.

We design-in-process at www.sample-service.com.

For the best design-in-process we offer service free of charge.

We take advantage of our OSNIMATE Services on safety applications.

Conversion and machine top-hat rails (DIN rails) in for industrial electronics, drives, heavy-duty power frequency converters, servo and feedthrough terminals.

OMNIMATE Power includes PCB plug-in connectors for mechanical and electronics housing, as well as accessories.

OMNIMATE Signal includes PCB terminals, PCB connectors or PCB terminals, PCB connectors for mechanical and electronics housing, as well as accessories.

OMNIMATE Busbars – The contact technology for electrical engineering. OMNIMATE Busbars have been developed for the contact technology for electrical engineering for the contact technology for electrical engineering.

OMNIMATE Terminals - With release button for opening the clamp.

OMNIMATE Terminals – For larger conductor cross-sections.

OMNIMATE Terminals – Wire ready technology ensures the terminal points are fully open at delivery.

OMNIMATE Terminals – Wire feed and the operation are aligned extremely high packing density and creepage distances in the same direction.

OMNIMATE Terminals – Pull effect pulls the wire into the terminal with direct insertion technology.

OMNIMATE Terminals – Amazingly simple and simply amazing in practice.

OMNIMATE Terminals – Connect and easily detach without using tools.

OMNIMATE Terminals – For larger conductor cross-sections.

OMNIMATE Terminals – Higher resistance to wire pull-out than in a tension clamp system.

OMNIMATE Terminals – Stainless steel spring results in a vibration resistant connection with direct insertion technology.

OMNIMATE Terminals – TOP Screw Connection.

OMNIMATE Terminals – PUSH IN Spring Connection.

OMNIMATE Terminals – Clamping Technology.

OMNIMATE Terminals – Deep-rooted application expertise and proven know-how in signal and data.

OMNIMATE Terminals – We are at home in their industries and markets and know the technological challenges of tomorrow.

OMNIMATE Terminals – Together we set standards in Industrial Connectivity.

We are experienced experts who support our customers and partners around the world with solutions.

We design-in-process at www.sample-service.com.

For the best design-in-process we offer service free of charge.

We take advantage of our OSNIMATE Services on safety applications.

Conversion and machine top-hat rails (DIN rails) in for industrial electronics, drives, heavy-duty power frequency converters, servo and feedthrough terminals.

OMNIMATE Power includes PCB plug-in connectors for mechanical and electronics housing, as well as accessories.

OMNIMATE Signal includes PCB terminals, PCB connectors or PCB terminals, PCB connectors for mechanical and electronics housing, as well as accessories.

OMNIMATE Busbars – The contact technology for electrical engineering. OMNIMATE Busbars have been developed for the contact technology for electrical engineering for the contact technology for electrical engineering.

OMNIMATE Terminals - With release button for opening the clamp.

OMNIMATE Terminals – For larger conductor cross-sections.

OMNIMATE Terminals – Wire ready technology ensures the terminal points are fully open at delivery.

OMNIMATE Terminals – Wire feed and the operation are aligned extremely high packing density and creepage distances in the same direction.

OMNIMATE Terminals – Pull effect pulls the wire into the terminal with direct insertion technology.

OMNIMATE Terminals – Amazingly simple and simply amazing in practice.

OMNIMATE Terminals – Connect and easily detach without using tools.

OMNIMATE Terminals – For larger conductor cross-sections.

OMNIMATE Terminals – Higher resistance to wire pull-out than in a tension clamp system.

OMNIMATE Terminals – Stainless steel spring results in a vibration resistant connection with direct insertion technology.

OMNIMATE Terminals – TOP Screw Connection.

OMNIMATE Terminals – PUSH IN Spring Connection.

OMNIMATE Terminals – Clamping Technology.

OMNIMATE Terminals – Deep-rooted application expertise and proven know-how in signal and data.

OMNIMATE Terminals – We are at home in their industries and markets and know the technological challenges of tomorrow.

OMNIMATE Terminals – Together we set standards in Industrial Connectivity.
### OMNIMATE Signal Connectors

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLZP, BLF</td>
<td>(Clamping Yoke, PUSH IN Spring)</td>
<td><strong>Max. Ratings:</strong> Wave Solder</td>
</tr>
<tr>
<td>BLZ, BVZ, BUZ</td>
<td>(Clamping Yoke)</td>
<td>Orientation: 90°, 135°, 180° (SV)</td>
</tr>
<tr>
<td>BLT, BLC</td>
<td>(TOP, Crimp)</td>
<td>Connections: 2–20, Wire-to-Board; 2–12, Board/Wire-to-Wire</td>
</tr>
<tr>
<td>BL, BLZF</td>
<td>(Clamping Yoke, Tension Clamp)</td>
<td>Screw Connection: Clamping Yoke, Leaf Spring</td>
</tr>
<tr>
<td>LM</td>
<td>(new)</td>
<td><strong>Max. Ratings:</strong> Wave Solder</td>
</tr>
</tbody>
</table>

### OMNIMATE Power Connectors

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS</td>
<td>(new)</td>
<td><strong>IEC</strong> 500 V/32 A/0.5–6 mm</td>
</tr>
<tr>
<td>LM</td>
<td></td>
<td><strong>IEC</strong> 320 V/16 A/0.5–1.5 mm</td>
</tr>
<tr>
<td>LM</td>
<td></td>
<td><strong>CSA</strong> UL 300 V/12 A/AWG 28–14</td>
</tr>
<tr>
<td>LM</td>
<td></td>
<td><strong>CSA</strong> 600 V/25 A/AWG 26–10</td>
</tr>
<tr>
<td>LM</td>
<td></td>
<td><strong>IEC</strong> 320 V/32 A/0.5–6 mm</td>
</tr>
<tr>
<td>LM</td>
<td></td>
<td><strong>CSA</strong> UL 600 V/20 A/AWG 20–12</td>
</tr>
<tr>
<td>LM</td>
<td></td>
<td><strong>CSA</strong> 600 V/20 –21 A/AWG 26–12</td>
</tr>
<tr>
<td>TM</td>
<td></td>
<td><strong>IEC</strong> 690 V/101 A/6–34 mm</td>
</tr>
<tr>
<td>TM</td>
<td></td>
<td><strong>CSA</strong> 600 V/230 A/AWG 4–4/0</td>
</tr>
<tr>
<td>TM</td>
<td></td>
<td><strong>CSA</strong> 600 V/85 A/AWG 8–4</td>
</tr>
<tr>
<td>TM</td>
<td></td>
<td><strong>CSA</strong> 600 V/100 A/AWG 8–3</td>
</tr>
</tbody>
</table>

### OMNIMATE Signal Terminals

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td></td>
<td><strong>IEC</strong> 1000 V/101 A/0.5–25 mm</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td><strong>IEC</strong> 800 V/32 A/0.18–6 mm²</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td><strong>IEC</strong> 1000 V/76 A/0.5–16 mm</td>
</tr>
</tbody>
</table>

### OMNIMATE Power Terminals

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td></td>
<td><strong>IEC</strong> 500 V/32 A/0.5–6 mm</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td><strong>IEC</strong> 630 V/17.5 A/0.2–2.5 mm</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td><strong>IEC</strong> 320 V/16 A/0.5–1.5 mm</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td><strong>CSA</strong> UL 300 V/12 A/AWG 28–14</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td><strong>CSA</strong> 600 V/126 A/AWG 20–1</td>
</tr>
</tbody>
</table>

### OMNIMATE Electronic Housings

- **Modular profile housing**
  - Available with transparent covers
  - Widths: 6.1 mm, 12.5 mm, 17.5 mm, 22.5 mm, 35 mm
- **Bus solution for power**, **Scalable connection**

### Additional Information

- **Extra:** With test point; LUP 90 V for 600 V UL + CSA
- **For further information please contact us:**
  - Mexico: 01 222 2686267
  - For detailed specifications and compatibility, please refer to our official product guide.