PCB Terminal Strips with Operating Levers 16 mm²
Pin Spacing: 10 mm, 15 mm
2716 Series

- High-current PCB terminal strips with lever-actuated CAGE CLAMP®
- Tool-free opening and closing – fingers open/close levers
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Four solder pins per contact point for high mechanical stability
- 600 V UL for pin spacing of 15 mm / 0.591 in.
- Pin and dimensions compatible to high-current, screw-type PCB terminal blocks

Technical data:

<table>
<thead>
<tr>
<th>Pin Spacing</th>
<th>10 mm 0.394 in.</th>
<th>15 mm 0.591 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratings per</td>
<td>IEC/EN 60664-1</td>
<td>IEC/EN 60664-1</td>
</tr>
<tr>
<td>Overvoltage category</td>
<td>III III II</td>
<td>III III II</td>
</tr>
<tr>
<td>Pollution degree</td>
<td>3 2</td>
<td>3 2 2</td>
</tr>
<tr>
<td>Rated voltage</td>
<td>320 V 320 V 630 V</td>
<td>800 V 1000 V 1000 V</td>
</tr>
<tr>
<td>Rated surge voltage</td>
<td>4 kV 4 kV 4 kV</td>
<td>8 kV 8 kV 8 kV</td>
</tr>
<tr>
<td>Nominal current</td>
<td>76 A 76 A 76 A</td>
<td>76 A 76 A 76 A</td>
</tr>
<tr>
<td>Approvals per</td>
<td>UL</td>
<td>UL</td>
</tr>
<tr>
<td>Usegroup UL 1059</td>
<td>B C D B C D</td>
<td></td>
</tr>
<tr>
<td>Rated voltage</td>
<td>300 V 150 V 300 V</td>
<td>600 V 600 V -</td>
</tr>
<tr>
<td>Nominal current UL</td>
<td>55 A 55 A 10 A</td>
<td>65 A 65 A -</td>
</tr>
<tr>
<td>Nominal current CSA</td>
<td>- - -</td>
<td>- - -</td>
</tr>
</tbody>
</table>

Conductor and solder pin data:

- Connection technology: CAGE CLAMP®
- Conductor size: solid 1.5 … 16 mm²
- Conductor size: fine-stranded 1.5 … 16 mm²
- Conductor size: fine-stranded 1.5 … 10 mm² [with insulated ferrule]
- Conductor size: fine-stranded 1.5 … 10 mm² [with uninsulated ferrule]
- AWG 16 … 6
- Strip length 12 … 13 mm / 0.47 … 0.51 in.
- Conductor entry angle 30° to PCB
- Solder pin: length/width 4.5 mm / 0.95 x 1.2 mm
- Solder pin: drilled hole diameter 1.6+0.1 mm

Material data:

- Material group: I
- Insulating material: Polyamide 66 (PA 66)
- Flammability class per UL 94: V0
- Lower/Upper limit temperature: -60 °C / +105 °C
- Clamping spring material: Chrome-nickel spring steel (CrNi)
- Contact material: Electrolytic copper (C_u)
- Contact plating: tin-plated

Current-Carrying Capacity Curve

Pin spacing: 10 mm / Conductor size: 16 mm² * “f-st”
Based on: EN 60512-5-2 / Reduction factor: 1

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2716 Series accessories:

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<td>Test plug</td>
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