

**PTC HEATING ELEMENT B34-96-3**

**Description**

This PTC ceramic heater is designed for the heating of forced air and can be incorporated in a variety of heating appliances and systems.

The PTC technology offers many advantages compared to conventional resistance heaters. E.g., the self-regulating temperature control and automatic temperature limiting effect offers increased safety and eliminates the need of extra thermal protection.

**Technical specification**

<table>
<thead>
<tr>
<th>Article number</th>
<th>3050230901</th>
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<tbody>
<tr>
<td>Rated voltage</td>
<td>230Vac ± 15%</td>
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<tr>
<td>Rated power</td>
<td>820W ± 10% @ 48m³/h, 25°C</td>
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<tr>
<td>Voltage resistance</td>
<td>360 Vac/1 min</td>
</tr>
<tr>
<td>I_inrush</td>
<td>&lt; 16A</td>
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<tr>
<td>T_cure</td>
<td>220 ± 7°C</td>
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<tr>
<td>R25</td>
<td>50-250 Ω @ 25°C</td>
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**PTC Elements**

**BENEFITS**
- Rapid heating
- Heating power controlled by the air flow
- Compact construction
- Large heat transferring surface
- Uniform heating without power variation
- Economic; less wiring needed
- Long life

**FIELDS OF APPLICATION**
- Heat systems for vehicles
- Fan heaters
- Tumble dryers
- Dehumidifiers
- Cabinet heaters
- Hot air curtains
- Hand dryers

**Connection diagram:**

Alternative power output of the element when connected to a power supply:
- A closed 1/1 power
- A open ~1/2 power