**01 FEATURES**

> 3-phase PFC choke module
> High saturation powder ring core and solid wire technology
> Mounting on a metal frame for direct mechanical integration in the application by screwing
> Cooling by air-flow (2m/s)
> Inductance value of reference: 200uH at 43A
> Current repartition: 43Arms@50Hz sinus + triangular ripple of 6Arms@20-40kHz (24App@20kHz)
> Primary/chassis insulation: > 1450Vac

**02 SPECIFICATIONS**

**ELECTRICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current repartition</td>
<td>43Arms@50Hz sinus + triangular ripple of 6Arms@20-40kHz (24App@20kHz)</td>
</tr>
<tr>
<td>Primary/chassis insulation</td>
<td>&gt; 1540Vac</td>
</tr>
<tr>
<td>DC inductance</td>
<td>283 TYP µH</td>
</tr>
<tr>
<td>DC resistance</td>
<td>14.5 TYP mΩ</td>
</tr>
</tbody>
</table>

**DIMENSIONS (mm)**

ELECTRICAL DIAGRAM

INDUCTANCE VS CURRENT

**APPLICATIONS**

> 3-Phase PFC Choke Module 200uH/43Arms for xEV fixed charging stations