Epoxy resin encapsulated precision current transformer TA series

Model: TA12  TA12L

Characteristics:
Outline size of very small, fully-enclosed.
TA12 is circuit board welded, TA12L is leading wire type.

Purpose:
※ Telemonitoring for electric load
※ As input signal to electric control system
※ Out of phase indication, electric quantity measurement
※ Status monitoring for motor running

TA12 Outline size diagram: (in mm)

TA12L Outline size diagram: (in mm)

Connection diagram

Table of technical parameters

<table>
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<tr>
<th>Model</th>
<th>Transformation ratio</th>
<th>Input current</th>
<th>Output current</th>
<th>Sampling resistance</th>
<th>Sampling voltage</th>
<th>Non-linearity</th>
<th>Phase shift</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA12-100</td>
<td>1000:1</td>
<td>0.5A</td>
<td>0.5mA</td>
<td>20Ω</td>
<td>1V</td>
<td>≤0.3%</td>
<td>≤10°</td>
</tr>
<tr>
<td>TA12-200</td>
<td>2000:1</td>
<td>0.5A</td>
<td>0-2.5mA</td>
<td>80Ω</td>
<td>2V</td>
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Work frequency: 20Hz-20KHz Operating temperature: -55°C ~ +85°C Dielectric strength: 6000VAC/1min

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