Solid state relays

GA1 / GA8 ranges

- PCB-mountable (flat pack = GA1, SIP = GA8)
- Rating: 4 A - 5 A
- Peak voltage: 600 V
- Will withstand a 1-cycle 100 A surge
- TRIAC outputs
- UL/CSA and VDE approved (approval pending for GA8)
- Zero voltage or instantaneous switching (5 A only)
- Input to output insulation voltage: 4000 V
- Protection by RC filter

<table>
<thead>
<tr>
<th>Range</th>
<th>Rating</th>
<th>Output voltages</th>
<th>Input voltages</th>
<th>Peak voltages</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA1</td>
<td>4 A</td>
<td>24 • 280 V ~</td>
<td>3 • 24 V ~</td>
<td>600 V</td>
</tr>
<tr>
<td>GA8</td>
<td>4 A</td>
<td>24 • 280 V ~</td>
<td>3 • 24 V ~</td>
<td>600 V</td>
</tr>
<tr>
<td></td>
<td>5 A</td>
<td>24 • 280 V ~</td>
<td>3 • 24 V ~</td>
<td>600 V</td>
</tr>
<tr>
<td></td>
<td>5 A</td>
<td>48 • 660 V ~</td>
<td>3 • 24 V ~</td>
<td>600 V</td>
</tr>
</tbody>
</table>

Curves for temperature-dependent derating

Dimensions (General tolerances ± 0.5)

GA1

GA8