

Checklist Storage transformers



Please fax to: +49 (0)6681/8061 or email to: entwicklung@voltis.com

<p><u>Electrical and magnetic data:</u></p> <p><input type="checkbox"/> Triangular operation <input type="checkbox"/> Trapezoid operation</p> <p>Transmittable power P_ü W</p> <p>Input voltage U_{Emin} V</p> <p style="padding-left: 20px;">DC U_{Emax} V</p> <p>Switching frequency f_{min} kHz</p> <p style="padding-left: 20px;">f_{max} kHz</p> <p>Max. Duty cycle V_{Tmax}</p> <p>With sine wave ΔI / I_{equals} I_v:</p> <p>Switchmode controller </p> <p>Output voltages</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">No.</th> <th style="text-align: left;">Voltage</th> <th style="text-align: left;">Current</th> <th style="text-align: left;">Voltage control winding?</th> </tr> </thead> <tbody> <tr><td>N2</td><td>.....v.....</td><td>.....mA.....</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td>N3</td><td>.....v.....</td><td>.....mA.....</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td>N4</td><td>.....v.....</td><td>.....mA.....</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td>N5</td><td>.....v.....</td><td>.....mA.....</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td>N6</td><td>.....v.....</td><td>.....mA.....</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td>N7</td><td>.....v.....</td><td>.....mA.....</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td>N8</td><td>.....v.....</td><td>.....mA.....</td><td style="text-align: center;"><input type="checkbox"/></td></tr> </tbody> </table>	No.	Voltage	Current	Voltage control winding?	N2v.....mA.....	<input type="checkbox"/>	N3v.....mA.....	<input type="checkbox"/>	N4v.....mA.....	<input type="checkbox"/>	N5v.....mA.....	<input type="checkbox"/>	N6v.....mA.....	<input type="checkbox"/>	N7v.....mA.....	<input type="checkbox"/>	N8v.....mA.....	<input type="checkbox"/>	<p style="text-align: center;"><u>Mechanical data</u></p> <p style="text-align: center;">Maximum dimensions</p> <p>Length:.....mm</p> <p>Width.....mm</p> <p>Height.....mm</p> <p>Core design:</p> <p><input type="checkbox"/> Vertical <input type="checkbox"/> horizontal</p> <p><input type="checkbox"/> open <input type="checkbox"/> potted</p> <p><input type="checkbox"/> SMD <input type="checkbox"/> wired</p> <p style="text-align: center;">Norms</p> <p><input type="checkbox"/> EN 61558 (VDE 0570)</p> <p><input type="checkbox"/> EN 60950 (VDE 0805)</p> <p><input type="checkbox"/> EN 50178 (VDE 0160)</p> <p><input type="checkbox"/> EN 61010 (VDE 0411)</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> UL listing required</p> <p>Max. ambient temperature in °C.....</p> <p>Cooling parameters.....</p> <p>Thermal class.....</p>
No.	Voltage	Current	Voltage control winding?																														
N2v.....mA.....	<input type="checkbox"/>																														
N3v.....mA.....	<input type="checkbox"/>																														
N4v.....mA.....	<input type="checkbox"/>																														
N5v.....mA.....	<input type="checkbox"/>																														
N6v.....mA.....	<input type="checkbox"/>																														
N7v.....mA.....	<input type="checkbox"/>																														
N8v.....mA.....	<input type="checkbox"/>																														
<p>HV Tests</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">No.</th> <th style="text-align: left;">Voltage</th> <th style="text-align: left;">Coil</th> <th style="text-align: left;">against</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>.....kv.....</td> <td>.....prim.....</td> <td>.....</td> </tr> <tr> <td>2</td> <td>.....kv.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>3</td> <td>.....kv.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>4</td> <td>.....kv.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>5</td> <td>.....kv.....</td> <td>.....</td> <td>.....</td> </tr> </tbody> </table>	No.	Voltage	Coil	against	1kv.....prim.....	2kv.....	3kv.....	4kv.....	5kv.....	<p>Core potential allocation</p> <p><input type="checkbox"/> Primary <input type="checkbox"/> Secondary <input type="checkbox"/> None</p> <p><input type="checkbox"/> Basic insulation required</p> <p><input type="checkbox"/> Enhanced insulation required</p> <p>Creepage distance.....mm</p> <p>Air clearance.....mm</p>								
No.	Voltage	Coil	against																														
1kv.....prim.....																														
2kv.....																														
3kv.....																														
4kv.....																														
5kv.....																														

Date

Project

Processor

Company

Department

Tel.

Fax.

Email

Notes

.....

.....

.....

.....

.....

.....

.....