

<p><b>Variable Speed Drives and Soft Starters</b></p>	<p><b>Standard Low-Harmonics Drives</b></p>	<p><b>Altivar 71 Plus-LH</b></p>	<p><b>Enclosed low harmonic drive systems from 75 to 2,000 kW, The Altivar 71 Plus-LH Low Harmonic offer has been designed with harmonic filtering to suit applications requiring a very low harmonic level (THDi ≤ 5%) and it provides also 4-quadrant operation.</b></p> <p><b>Features</b> The Altivar 71 Plus-LH Low Harmonic offer has been designed with harmonic filtering to suit applications requiring a <b>very low harmonic level (THDi ≤ 5%)</b> and it provides also <b>4-quadrant operation</b>.</p> <ul style="list-style-type: none"> <li>• Simple planning of drive and system</li> <li>• Individually configurable options</li> <li>• Compact solution</li> <li>• High reliability</li> <li>• Compliance with the harmonics level according to the standards</li> <li>• Compatible with Altivar 71 product family</li> <li>• Protection degree : IP23, IP54</li> <li>• Standards: CE, C-Tick, ATEX and Gost</li> </ul> <p><b>Benefits</b> <b>Easy reduction of harmonics</b></p> <ul style="list-style-type: none"> <li>• <b>Attractive design</b></li> <li>• Homogeneous to present Altivar 61/71 Plus offer</li> <li>• "Low Harmonic Drive" <b>ready to connect</b></li> <li>• <b>Simple installation and start-up</b></li> <li>• Sinusoidal mains current with THDi less than 5%</li> <li>• Power factor <math>\cos \Phi \approx 1</math> (at 30...120% load)</li> <li>• Checked and tested enclosure unit</li> </ul> <p><b>Applications</b></p> <ul style="list-style-type: none"> <li>• Worm gear</li> <li>• Conveyor belts</li> <li>• Mixers</li> <li>• Extruders</li> <li>• Lifting gea</li> <li>• which require a very low harmonic level or 4-quadrant operation</li> </ul>
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